



Intelligent Vehicle Technology



**PRODUCT
CATALOGUE**
Issue 7.0



WELCOME >>

Intelligent Vehicle Technology

Welcome to the new-look CKO, with more extensive product lines and a clear strategic focus on Intelligent Vehicle Technology. For over 40 years, CKO has been involved in the design, development and distribution of innovative solutions for the commercial vehicle and automotive industries. Working directly with established manufacturers in the UK, Europe and the Far East, we now offer an expanded range of Safety, Security and Communication products, including vehicle safety systems, security solutions and communication technology, all supported by strong stock availability and competitive lead times.

HAVE CONFIDENCE IN YOUR PURCHASE

Our experienced sales team are on hand to offer you tailored support to meet your needs, and the requirements of your customers. With extensive knowledge regarding DVS and FORS standards, as well as other forms of compliance, CKO always demonstrate clear capability when it comes to facilitating your regulatory standard queries. Our dedicated technical helpline offers long-term support for our products. We offer high-quality products, value for money, and great service. Customer satisfaction is at the core of our business.



Visit our website at **www.c-ko.co.uk**

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CONTENTS >>

Category 1 - Introduction

About Us	4
Warranty T&Cs	5
Compliance	6
DVS Package	8
360° Package	10
Live View Software	12

Category 2 - Dash Cameras

Dash Cameras	16
Dash Camera Accessories	22

Category 3 - DVR

DVR Overview	23
Advanced AI DVR Device	24
Comparison Chart	26
DVR Devices	27
DVR Packages	28
DVR Accessories	31

Category 4 - Cameras

Cameras	34
AHD Cameras	36
FORS Packages	44
Brake Light Cameras	45
Van Package	52
Number Plate Cameras	53
D1 Cameras	54

Category 5 - Monitors

Monitors	60
Monitor/Camera Kits	64
Mirror Monitors	66
Motorhome Package	71
Custom Cables	72

Category 6 - Sensors

Parking Sensors	73
-----------------	----

Category 7 - Alarms & Lighting

Warning Alarms	76
----------------	----

Category 8 - Heated Seats

Heated Seats	79
--------------	----

Category 9 - Accessories

Control Units	81
Brackets	83
Cables	85
Suzi Kit Cables	90
Alcolocks	94

Category 10 - Consumables

Consumables	97
-------------	----

Category 11 - X-Wire System

X-Wire	100
--------	-----

Category 12 - Cash Boxes

Cash Boxes	102
------------	-----

Category 13 - Lighting

Beacons	104
Light Bars	111
Strobes	119
Work Lights	126
Interior Lighting	130
Warning Lights	134

Category 14 - Mission Critical

MCX / R5	136
MCX / Accessories	139

Category 15 - Docking

Zirkona	142
Ram	143
Havis	145
Gamber Johnson	146

Category 16 - CabPhones

Fleet Phone	149
Pei-Tel	151

Category 17- Antennas

Panorama	153
----------	-----

Category 18 - Security

Light Commercial Vehicles	156
---------------------------	-----

Category 19 - Routers

AirLink	161
	162
	163

Category 20- CKO

Meet The Team	164
---------------	-----

ABOUT US >>

> INTELLIGENT VEHICLE TECHNOLOGY

For over 40 years, **CKO** has provided tailored, innovative, vehicle technology products and solutions to a wide range of industries, from Tier 1 OEMs to vehicle builders, distributors, resellers and commercial fleet operators.

Now, **CKO** is relaunching with a clear focus on **Intelligent Vehicle Technology**, offering customers a more comprehensive range of products across Safety, Security and Communication. **Our commitment remains the same: to deliver trusted, high-quality solutions backed by expert technical support, while continuing to develop new products that help commercial fleets operate safer, more secure and better connected.**

CKO supplies and supports a comprehensive range of **Safety, Security and Communication** products for LCVs, HGVs and specialist commercial vehicles. **Our portfolio includes cameras, monitors, DVRs, lighting, cable assemblies, bracketry, software, vehicle security products and secure LTE communication devices for Push-to-Talk, data, video and voice.**

Our extensive experience means we do more than simply supply products. **CKO can design, develop and manufacture bespoke solutions built around specific vehicle requirements.** Whether your fleet has complex operational needs, unique feature requirements or challenging installation locations, an off-the-shelf product may not always be enough. Our team works closely with customers to deliver practical, reliable solutions on time and within budget.

Every product we offer is carefully evaluated and tested before it goes to market, giving customers confidence in **performance, reliability and long-term support.** With our in-house technical team, dedicated technical helpline and commitment to warranty responsibilities, buying from CKO brings additional reassurance at every stage.

Individually, **our products help reduce risk, improve visibility, protect assets and support safer vehicle operation.** When combined, they create complete systems that allow drivers and operators to see, communicate, respond and manoeuvre with greater confidence.



OUR SERVICE SUMMARY FOR BESPOKE PRODUCTS



TECHNICAL KNOW-HOW AND WARRANTY RETURNS

Buying from CKO brings you the additional reassurance of our in-house technical team. We thoroughly evaluate and test all our products before they go to market. This, together with our technical helpline, allows us to provide a full backup service to our customers who can have the confidence in our long-term support and warranty responsibilities.

WARRANTY TERMS AND CONDITIONS

CKO warrants all goods to be free from defect in material and workmanship in normal use, provided that they have been installed and operated in accordance with the instructions supplied. The start date of all warranties is the date of delivery to the purchaser, unless otherwise agreed in writing by CKO. The period during which the 12 or 24-month applies is stated above. CKO make no other warranty, express or implied, with respect to the goods, their marketability, quality, or fitness for any particular use or purpose. In particular, but without prejudice to the general provisions of the conditions of sale, no responsibility is assumed for incidental or consequential loss by reason of any warranty express or implied.

Full details of CKO's Terms and Conditions are contained on our website at www.c-ko.co.uk. CKO International Limited reserves the right to change terms, conditions, and specifications shown in this catalogue at any time. All Information within this catalogue was correct at time of going to print.

COMPLIANCE >>

> YOUR FLEET COMPLIANCE IN TRUSTED HANDS

With over 40 years' experience, CKO is here to take the trouble out of meeting compliance standards. Thus ensuring that your fleet is safe for operation within the modern commercial vehicle world.

> DVS COMPLIANCE

Transport for London's (TfL) Direct Vision Standard (DVS) Progressive Safe System (PSS) conditions are now in effect for all HGVs regardless of the star rating. Operators with vehicles weighing over 12 tonnes need to have the new HGV Safety Permit to be able to operate within and around Greater London. All HGVs need to apply for a permit to avoid facing a Penalty Charge Notice (PCN).

CKO have developed a PSS solution that is compliant with these updated standards; designed for aftermarket application into a wide range of vehicle makes and models. This kit protects vulnerable road users in an approach aligned to European Union and the United Nations Economic Commission for Europe (UNECE), namely R151 for Blind Spot Information System (BSIS) and R159 for Moving Off Information System (MOIS).

Find out more about our kit on pages 7 - 8.

> FORS COMPLIANCE

The Fleet Operator Recognition Scheme (FORS) is a voluntary accreditation scheme that recognises safer, greener, and more efficient fleet operations. FORS Bronze, Silver, and Gold membership provides progressive accreditation, enabling Operators to achieve exemplary levels of best practice. FORS members stand out from the crowd, work to standards above the legal minimum, and have access to a wide range of exclusive benefits that provide a real competitive advantage.

FORS is relevant to commercial operators in the three classes of trucks, vans, and passenger carrying vehicles (PCVs). Specific measures apply to each class.

Trucks: commercial vehicles over 3.5 tonnes gross vehicle weight

Vans: commercial vehicles of 3.5 tonnes gross vehicle weight or under

PCVs: any vehicle with 8 or more passenger carrying seats

CKO can assist you in meeting all your FORS safety requirements, by offering a range of products and solutions that allow Fleet Operators to measure, monitor, and improve performance.

Find out more about our kit on page 43.



Intelligent Vehicle Technology

Are You FORS Accredited?



Solutions For Safer, Greener and More Efficient Fleet Operations.

With over 40 years' experience designing, developing, and distributing vehicle products and solutions, you can place your trust in CKO. Our knowledgeable team can offer you tailored support to meet your required regulatory standards, ensuring that your fleet is compliant for operation within the modern commercial vehicle world.

Find out how we can help. Contact our team today to discuss our solutions for Bronze, Silver, or Gold FORS compliance.

Call 0208 863 8333 (Option 1)

As associates of the Fleet Operator Recognition Scheme, CKO can assist you in meeting all your FORS safety requirements by offering a range of solutions for measuring, monitoring, and improving vehicle performance – enabling Operators to achieve exemplary levels of best practice.





Progressive Safety System



» Our Solution

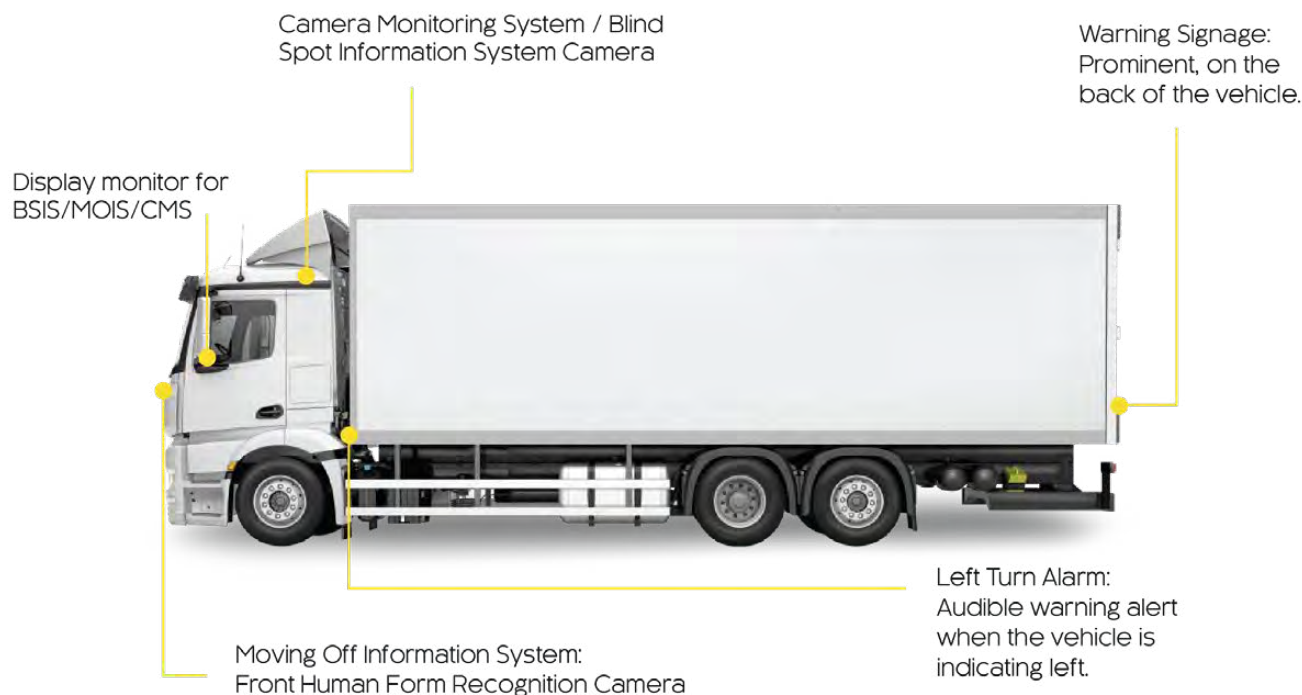
- **Camera Monitoring Systems (CMS) / Blind Spot Information System (BSIS)** – A side AI camera on the near side of the vehicle aimed down to eliminate the blind spot, combined with a monitor situated on the near side pillar. Operational at all times under 20MPH.
- **Moving Off Information Systems (MOIS)** – Another AI camera is fitted to the front of the vehicle to allow for the detection of VRUs for safe moving off.
- **Left Turn Alarm** – Activated when the left turn signal is on. An additional button is also installed on the dash to stop the sounder activating at night.
- **Warning Signage** – Prominently displayed on the vehicle.

» Product Overview

Our Progressive Safe System (PSS) solution is designed for aftermarket application to a wide range of vehicle makes and models. In some cases, additional accessories in the form of brackets and camera spacers are required to allow for operational performance.

The core of the Blind Spot Information System (BSIS) and Moving Off Information System (MOIS) utilises Edge Artificial Intelligence Video Analytics. Allowing for the detection of vulnerable road users (VRUs) whilst ignoring street side furniture locally, without the delay associated with cloud-based AI systems.

AI cameras are installed on the front and side of the vehicle. Configurable detection zones are set using a removeable USB tool once cameras have been positioned and angled correctly onto the vehicle based upon our method statement and installation guidance. We recommend taking photographic evidence of the detection zones, using markers on the ground, to prove that the cameras have been configured. In events of complete power loss to the vehicle, the configuration remains consistent without need for recalibration.



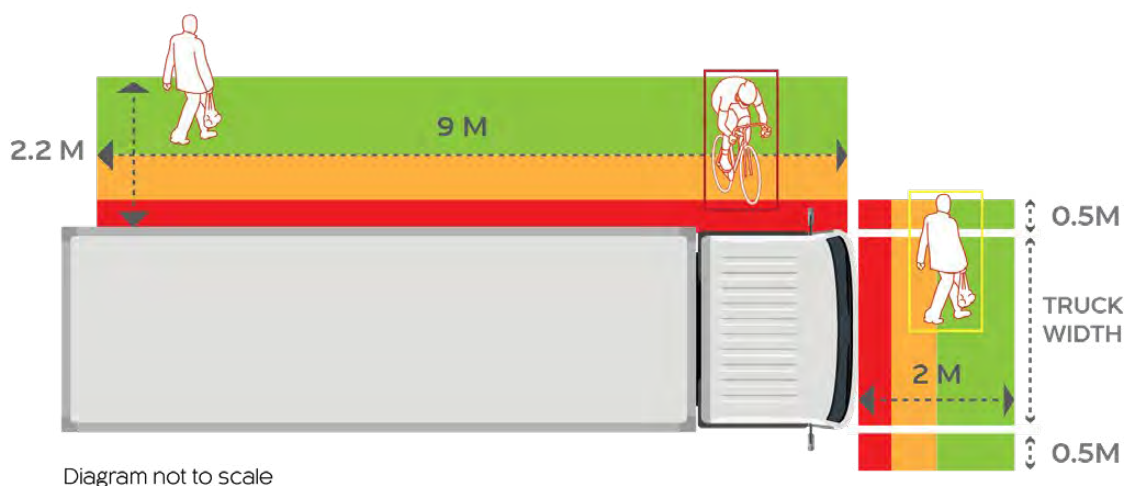
» Testing and Approval

Backed by extensive trials and thousands of miles of real-world driving data, our system delivers precision in identifying VRUs. This minimises the risk of false alerts caused by roadside objects (such as traffic cones or parked vehicles) which are often misinterpreted by traditional sensor systems.

This dramatically reduces false positives and improves driver awareness, creating a safer and more seamless driving experience. Acting as an intelligent co-pilot, the human form recognition cameras serve as an extra pair of eyes, constantly monitoring the detection zone.

For your HGV Safety Permit application under the Direct Vision Standard (DVS), accurate documentation of the AI camera installation and calibration is mandatory. Equipment positioning and technical specifications must strictly follow the latest guidance from Transport for London (TfL).

At CKO, our team works diligently to stay ahead of evolving compliance standards. We are committed to keeping you informed and supported, ensuring that your fleet meets every requirement with confidence.





» PRODUCT OVERVIEW

The 360° 'Birds-Eye-View' camera package utilises four cameras, with one on each side of the vehicle to provide a complete top-down view of the entire vehicle. All cameras include ultra-wide-angle lenses, thus ensuring that their field of vision seamlessly overlaps at each corner of the vehicle. An ECU (Electronic Control Unit) is used to blend the four images together to produce the look-down view and a 'vehicle mask' is overlayed to illustrate the vehicle's positioning.

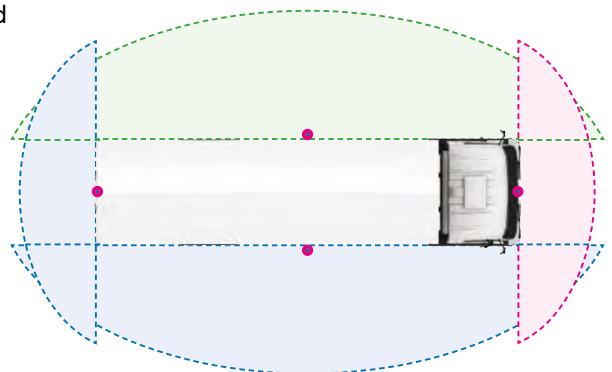
Once fitted, the system will require calibration to ensure that the correct view has been successfully configured. This is a simple process to follow, in which the friendly and knowledgeable team at CKO will be happy to assist you. The system can be used with any vehicle type and size.



» Our Solution

The 360° 'Birds-Eye-View' package consists of the following:

- 7" Monitor
- 4 ultra-wide-angle cameras (metal case, easy fit) and cables (1x18m, 2x10m & 1x5m)
- ECU
- Remote Control
- Upgrade Options:
- Digital Video Recorder
- Waterproof Monitor (ideal for Plant use)
- Side Sensors
- Turning Warning Alarm





» How It All Works

The monitoring system is built to enhance vehicle safety and situational awareness. The primary view consistently presents a birds-eye perspective on the monitor. Meanwhile, the secondary view transitions between viewpoints based on the vehicle's manoeuvres, contingent upon the presence of the appropriate wiring configuration. While the optimal setup typically involves utilising a separate monitor dedicated to the 360° system, the flexibility exists to integrate it with the vehicle's existing monitor, facilitated by vehicle specific leads available upon request.



By effectively eliminating blind spots, particularly when driving in dense urban environments where visibility can be compromised, the system becomes an indispensable asset for enhancing safety on the road. The system features a plug-and-play design, with effortless connectivity to a DVR for recording footage from all cameras. This functionality is invaluable for protection against fraudulent insurance claims.

» Core Benefits

- Effectively eliminates blind spots
- Best option for vehicle safety in busy urban environments, helping you to protect vulnerable road users
- Auto-switches to the relevant camera when turning and reversing
- Easy remote configuration completed by experienced programmers with pre-sets for optimal birds-eye view
- Cables and accessories provided



LIVEVIEW SOFTWARE >>

INTRODUCTION

LiveView is a 4G based service offered by CKO, enabling customers to view individual vehicles and whole fleets with real-time and historical footage. We offer a variety of contract types; speak to our team to find out more.

This package includes:

- >> PC software
- >> iOS and Android phone software
- >> Device SIM
- >> Data server
- >> Customised email alerts and notifications
- >> Telephone and remote access support
- >> Across global networks



COMPLETE VISIBILITY FOR FLEET MANAGERS

The Live View system offers secure, multi-network, real-time video-streaming and GPS tracking for your single or multiple vehicle fleet. With our system, any user can view up to 16 separate streams at any one time. With two users, you can double the number of streams to 32.

Using the registration number as the default code and the depot to allocate the group, it is simple to classify a fleet of vehicles and enable separate user permissions to access different sets of information.

Not only does the Live View system support efficiency and control over your fleet, but it also aids in increasing vehicle safety - both for your drivers and the general public.



LIVE CCTV



GEO FENCE



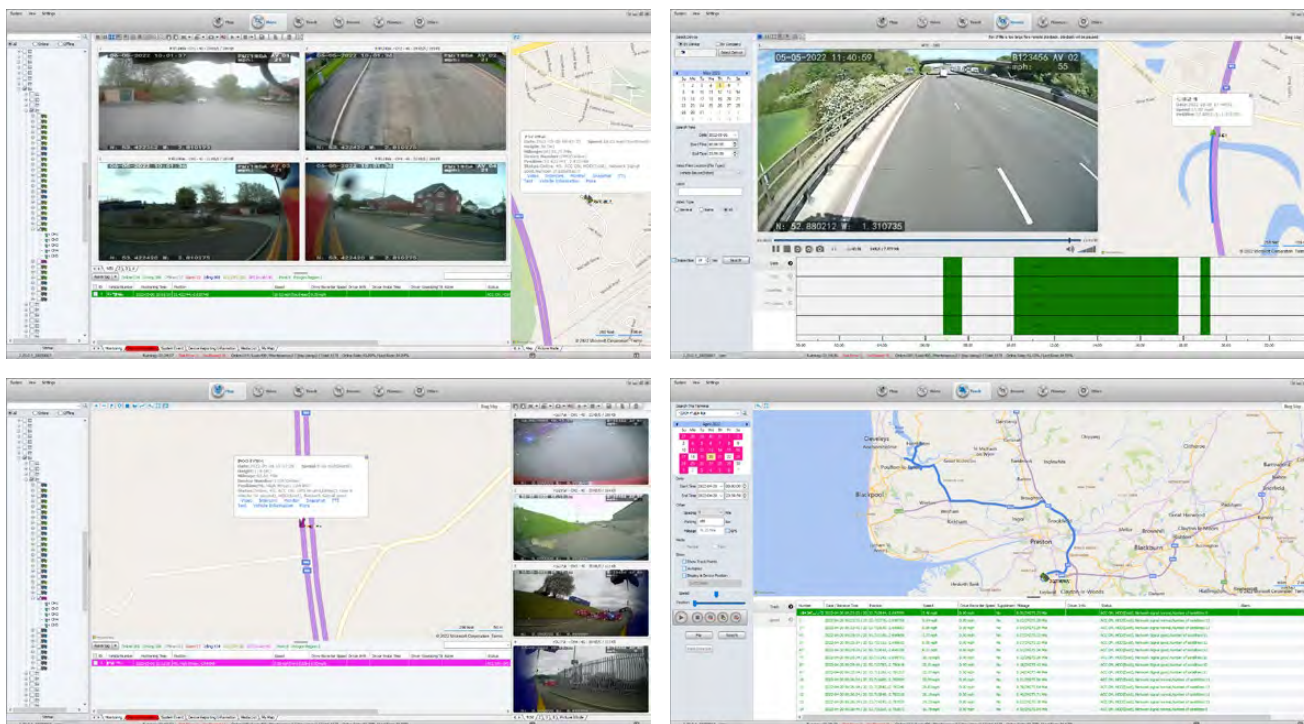
TRACKING



FUNCTIONALITY

Our system offers market-leading functionality:

- » Vehicle tracking by GPS – current location and speed of the vehicle can be seen
- » Alerts regarding faults – such as geo-fencing breaches, failing hardware, switch to SD card recording, and video loss on channel (e.g. faulty camera).
- » Remote download footage can be viewed through mobile phone or PC
- » Historical footage – downloadable footage for the last month
- » Change settings remotely – settings such as camera resolution, date, time, and recording settings can be changed remotely. Software updates can also be sent remotely.
- » Multiple vehicle viewing – the interface can show 32 live and recorded streams at one time, meaning that many fleets can be managed on a single interface.
- » Geofencing – multiple fences can be applied and notifications will alert the user when a vehicle enters or leaves those zones. Not only does this provide an anti-theft security feature, businesses can also use geofencing to monitor employees in the field, automate time cards and keep track of individual vehicles over particular time periods.



LIVEVIEW SOFTWARE

NOTIFICATIONS

Without Live View, if your vehicle was involved in an incident, you would only hear about what had happened once your driver returns to your site and reports the incident. With our Live View system, you will receive notifications tailored to your own specification. In case of an incident, an alarm will be displayed on the Live View page or direct to your mobile phone. It does not interrupt the user view; but like an exception report, it can alerting users that action is required.

HISTORIC TRACKING

The real-time vehicle locator can be expanded to show single or multiple vehicle locations. If a vehicle is offline, the last location where it was connected will be displayed.

The 'Track' tab provides the historic location, speed, and DVR status. Usefully, it can map the historic route, showing where the vehicle has travelled in 30 second intervals. It is possible to search this function by time and date. The information is stored on our dedicated secure server, meaning that vehicles that are not online can also be checked. In terms of vehicle safety and security, this is an added bonus of the Live View system. When added to the 'Status' of the DVR, the Live View system can help to highlight issues of suspected device tampering or fuel theft.

REMOTE DOWNLOAD & HISTORIC VIEWING

Our standard tariff comes with a fair-use cap; however, additional data can be purchased in bundles. Historic recordings can be remotely downloaded or streamed online by pinpointing the desired time and date. This allows the user to act quickly in response to incident reports. The file is saved in several ways - on the local device and on our server. Single or multiple channels can be downloaded and saved in a secure format, which is only playable on our local PC software (where it can be converted to AVI if required).

Photos can also be viewed using the 'Record' tab. The photos are snapshots that can be linked to the alarms and other custom settings from the server side. The photos are saved to our dedicated secure server.

Alarm inputs can be linked to different events (e.g. the rear door opening for a delivery). This type of setting does require additional wiring and configuration, but greatly enhances the functions available and can be tailored for the specific needs of the business.

EMAIL NOTIFICATION

We recommend that email alerts are sent to a dedicated person in your company. In the event of equipment failure, this provides you with a fail-safe beyond the driver's daily walk-around check. Under FORS Standard v7.1, daily checks of electronic safety is now compulsory. In the event of DVR video loss or hard drive failure, an email alert can be sent directly to designated contacts within your organisation.





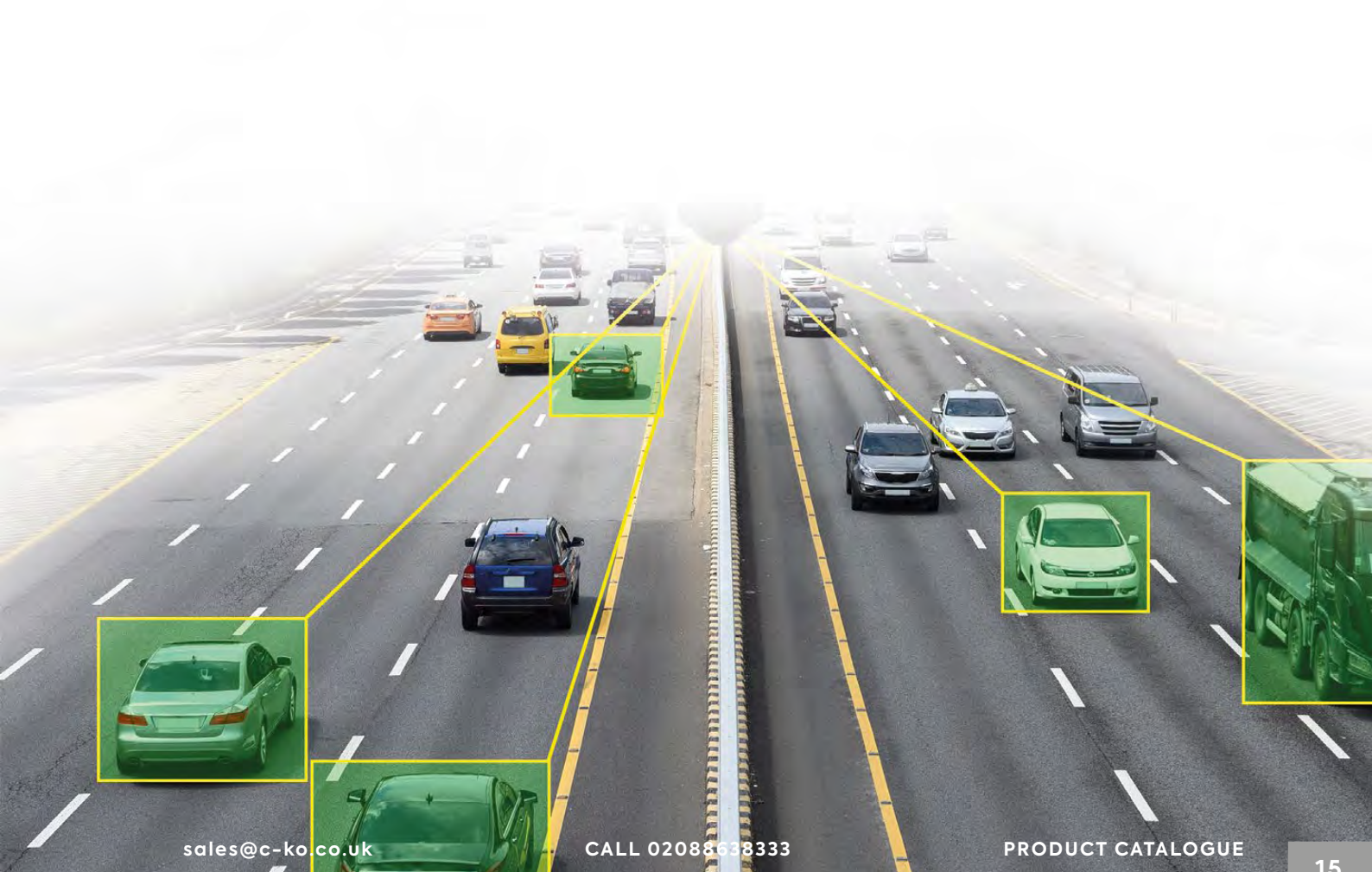
After understanding your needs, and with your permission, email alerts can be set up to multiple email addresses per vehicle or per group of vehicles. Custom input alarms can also be set to report by email at certain times. As part of the initial set up, we can talk through your business needs and customise the settings to ensure that you get the most out of our Live View system.

PHONE APP

The phone app provides the most basic information compared to the feature-packed desktop version. However, for quick and easy reference, the phone app allows users to check if vehicles are online, view the cameras in real time, and see their current or last location.

CHANGING DVR SETTINGS

Our LiveView desktop application allows DVR configuration settings to be changed. Settings – like alarm triggers, camera types and many others – can be altered without having to be on site with the vehicle. Current settings can also be displayed. Making changes to settings after installation may be advantageous to tweak the systems usability, or when new features become available. The DVR must be connected to Live View to access this function. User access control levels can be set so that settings can only be altered by those with the necessary permissions, securing alterations and ensuring consistency across the fleet.



CATEGORY 2

Dash Cameras



DASH CAMERAS

DC-DVR-CVL-02

FHD 360° Rotating Dash Camera with
GPS, G-Sensor, and Wi-Fi



- 1080P Full HD recording
- 170° Wide view angle, 130° Horizontal, 80° Vertical
- Built in G-force sensor, GPS & WiFi
- Software download for video with map information
- Park mode triggered by vibration
- Stores up to 128GB (TF memory card not included)
- AV/HDMI out
- Built-in speaker & microphone
- Suitable for 12/24V vehicles
- 2nd Optional D1 (CVBS PAL or NTSC) camera input via jack plug



DASH CAMERAS

DC-DVR-4G-01

2K Connected 4G Dash Camera



- 2K (1440p) forward facing recording
- 146° Wide view angle, 121° Horizontal, 64° Vertical
- Built in G-force sensor & GPS
- Connected solution & CKO Live
- Stores up to 512GB (TF memory card not included)
- Built-in speaker & microphone
- Suitable for 12/24V vehicles
- Cigarette & hard wire
- 2nd channel input



DC-DVR-4G-INTCAM
Driver Facing Internal Camera

DASH CAMERAS

DC-DVR-4G-ADV

Advanced AI Expandable
Connected Dash Camera



- 1920p Forward Facing recording with 140 degree view
- 1080p Cabin View Camera with 170 degree view
- Real time advanced driver assistance notifications through audio feedback, expandable with optional display for visual feedback
- Dual 256GB storage for a total of 512GB storage
- 4G Connects to Datalive platform
- 6-Axis gravity sensor supporting rapid acceleration, deceleration, harsh cornering and accident detection
- Suitable for 12/24V vehicles
- 4 Sensor inputs
- Additional camera input available with optional cable, 1 x AHD and 1 x IPC



BUILD A COMPLETE PACKAGE

- » Our connected dash camera forms the core of a full safety package, with seamless accessory integration.
- » Add the DSM camera to detect fatigue, distraction, and risky driving behaviour in real time.
- » Pair ADAS with the Rwatch display to warn drivers of lane departures, collisions, and other safety risks.

DASH CAMERAS / Accessories

Pair with DC-DVR-4G-ADV



CKO-RWATCH-01



» Rwatch Live Driver Feedback Display

- Gives audio and visual feedback to drivers when combined with DMS and LDWS cameras on the DVR
- Display Size: 36mm
- Device Size: 42 x 45 x 16mm
- Resolution: 128 x 128 pixels
- Brightness: 400cd/m2
- TFT-LCD gloss display
- Operating Temperature: -30°C to +70°C
- E-Marked: UNECE R10 compliant
- CE Marked and FCC/ICC approved

CKO-DSM-CAM-01



» DMS IP Camera

- Full HD driver facing camera
- Built-in IR technology for low light conditions
- Enables driver monitoring features on DVR including driver fatigue, yawning, driver distraction, mobile phone use, and smoking
- Effective through glasses/sunglasses
- Current: 0.18 Amps @ 12V
- Operating Temperature: -40°C to +70°C
- E-Marked: UNECE R10 compliant
- CE Marked and FCC approved

DC-DVR-4G-ADV-EXT



» Camera Expansion Cable

- 1 x 6pin Aviation for IP connectivity
- 1 x 4pin Aviation for AHD cameras
- 1 x 4pin Aviation for Monitor – TOT-MON/DVR cable required in addition to allow for correct connection

CATEGORY 3

Digital Video Recording



BENEFITS

Safety

Monitor driving ability and standards to improve driver manoeuvring, visibility, and concentration. Can also be used to facilitate safe loading and unloading practices.

Protection

Offers security and damage prevention from crash-for-cash, inflated/fraudulent claims, and unjustified personal injury claims.

- » Record up to 8 channels of video and audio, plus 2 IPC
- » Built in GPS for vehicle location, speed, and time which is also watermarked including vehicle registration on the video footage
- » Built in 3-Axis G sensor to detect vehicle impact, harsh braking, and rapid acceleration
- » Customisable alarm inputs to record events and automatically view selected cameras on screen, for example to display side camera when indicating
- » Alarm output to trigger other devices
- » Intelligent voltage protection to turn the DVR off at specified parameters
- » Options for time sync, with GPS and automatic daylight-saving time switch
- » Multiple power modes – delay switches on with the vehicle's ignition and off after a customisable point, timing turns on and off at set times. Other options available to keep the DVR on and switch the cameras off
- » Customisable recording options for recording selected channels when the ignition is on/off
- » Records in AHD 1080p/720p or D1 camera format, with individually selectable channels
- » SD card back up function
- » Snapshot image alarm function. Export config files by USB for fleet continuity
- » Cameras can be mirrored, flipped, and orientated on the DVR

CKO-DVR-6CH-KIT

Advanced AI 6-Channel Mobile Digital Video Recorder with 1TB SSD



- Expandable features with built in AI functions through additional hardware
- 1080P
- Video input: 4 x 4 pin aviation, 2 X 6 pin aviation
- Video output: 4 pin aviation AHD 720P or CVBS selectable via menu
- Audio input: 4 x 4 pin aviation
- Support storage up to 2TB M.2 SATA SSD and 2 x 512GB TF Cards –
Supplied with 1TB SSD
- 4G connectivity
- 8 IO input
- Dimensions: 154 x 151 x 52mm
- Suitable for 12 and 24 volt vehicles
- Supplied with GPS and 4G antenna
- Includes trigger and power cable

DVR / Accessories

Pair with CKO-DVR-6CH-KIT



CKO-RWATCH-01



Rwatch Live Driver Feedback Display

- Gives audio and visual feedback to drivers when combined with DMS and LDWS cameras on the DVR
- Display Size: 36mm
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CKO-DSM-CAM-01



DMS IP Camera

- Full HD driver facing camera
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- Enables driver monitoring features on DVR including driver fatigue, yawning, driver distraction, mobile phone use, and smoking
- Effective through glasses/sunglasses
- Current: 0.18 Amps @ 12V
- Operating Temperature: -40°C to +70°C
- E-Marked: UNECE R10 compliant
- CE Marked and FCC approved

CKO-ADAS-CAM-01



ADAS IP Forward Facing Camera

- Enables ADAS features on DVR including Forward Collision Warning, Headway Monitoring Warning, Lane Departure Warning
- 1080p Camera
- 6pin Aviation Connection
- Viewing Angle: 53°(H) x 3°(V) x 61°(D)
- Operating Temperature: -40°C to +70°C
- E-Marked: UNECE R10 compliant
- CE Marked and FCC approved

CKO-EASYCHECK



EasyCheck

- USB device for DVR setup and control via Veyes app
- Allows for easy configuration changes via a phone or tablet
- Useful tool when a monitor is not connected to a phone

DVR / Comparison Chart



DVR COMPARISON CHART

We take pride in our ability to meet the requirements of our clients when it comes to Digital Video Recorders (DVRs). Whether you're seeking robust storage capacity, enhanced video quality, or additional channels, our extensive range of DVRs offer the ideal solution that will exceed your expectations.

	 Front of product  Back of product DVR-4SD	 Front of product  Back of product DVR-4HD	 Front of product  Back of product DVR-8HD
Recording			
Max Resolution	1080P (1920 X 1080)	1080P (1920 x 1080)	1080P (1920 x 1080)
Channels	4	4 (plus 1 IPC)	8 (plus 2 IPC)
Audio	✓	✓	✓
Video Compression	H.265+ Encrypted AVI	H.265+ Encrypted AVI	H.265+ Encrypted AVI
AHD Compatible	✓	✓	✓
IPC Compatible	X	1 Channel	2 Channel
AV in / out			
Video input	4 x 4 pin aviation	4 x 4 pin aviation, 1 x 6 pin aviation	8 x 4 pin aviation, 2 x 6 pin aviation
Video output	4 pin aviation, VGA	4 pin aviation, VGA	4 pin aviation, VGA
Audio input	4 x 4 pin aviation	4 x 4 pin aviation	8 x 4 pin aviation
Audio output	4 pin aviation	4 pin aviation	4 pin aviation
OSD	1 / 2 / 4	1 / 2 / 3 / 4 / 5	1 / 2 / 3 / 4 / 6 / 8 / 9 / 12
Network streaming			
Wi-Fi	Optional	Optional	Optional
4G Compatible	Optional	Optional	Optional
Mobile App	Android / iOS	Android / iOS	Android / iOS
Storage / Backup			
HDD / SSD	X	2.5" SATA II (2TB max)	2.5" SATA II (2TB max)
SD Card	2x SDxC (256GB max)	1x SDxC (256GB max)	1x SDxC (256GB max)
Backup	USB 2.0 / network	USB 2.0 / network	USB 2.0 / network
Peripheral			
Lockable	✓	✓	✓
GPS	✓	✓	✓
G-Sensor	✓	✓	✓
Timer off Delay	Up to 24 hours	Up to 24 hours	Up to 24 hours
HDD / SD Failure Warning	✓	✓	✓
Motion Detection	X	X	X
Camera Full Screen Trigger	✓	✓	✓
Split Screen Camera Trigger	X	X	X
USB Mouse Control	✓	✓	✓
Remote Control	Optional	Optional	Optional
USB Port	USB 2.0	USB 2.0	USB 2.0
Other			
Power output	12v	12v	12v
Power input	8 - 36v (DC)	8 - 36v (DC)	8 - 36v (DC)



DVR4SD-10-256



4 Channel SD DVR – 1080P, AHD, D1 256GB

- 1080P (1920 x 1080)
- Video input: 4 x 4 pin aviation
- Video output: 4 pin aviation, VGA
- Audio input: 4 x 4 pin aviation
- Audio output: 4 pin aviation
- OSD: 1 / 2 / 4
- 256 GB SD Card
- Also available with 4G live connectivity

DVR4HD-4G-10-1TB



4 Channel HDD DVR – 1080P, AHD, D1, IP – 4G – Kit

- 1080P (1920 x 1080)
- Video input: 4 x 4 pin aviation
- Video output: 4 pin aviation, VGA
- Audio input: 4 x 4 pin aviation
- Audio output: 4 pin aviation
- OSD: 1 / 2 / 3 / 4 / 5
- 1 TB SSD
- Also available without 4G live connectivity

DVR8HD-4G-11-1TB



8 Channel HDD DVR – 1080P, AHD, D1, IP – 4G – Kit

- 1080P (1920 x 1080)
- Video input: 8 x 4 pin aviation
- Video output: 4 pin aviation, VGA
- Audio input: 8 x 4 pin aviation
- Audio output: 4 pin aviation
- OSD: 1 / 2 / 3 / 4 / 6 / 8 / 9 / 12
- 1 TB SSD
- Also available without 4G live connectivity

With the 4G version of our DVRs, you can make full use of our LiveView software. Please note that a subscription fee is required for access.



3 Camera Package For Tractor Units

For tractor units, we highly recommend our 3-camera kit, featuring two side cameras and one front camera. This setup provides optimal coverage for monitoring blind spots. Paired with our DVR, these cameras deliver high-quality video footage directly onto the 7" monitor.



Our DVRs seamlessly integrate with our monitors and cameras to form a comprehensive monitoring system, enhancing safety during maneuvering and reversing. By providing real-time visuals, these solutions aid in collision prevention and ensure smoother operations.



>> 4 Camera Package For Box Vans

Our box van package is equipped with two side cameras, a front camera, and a rear camera featuring infrared capability, ensuring complete coverage around the vehicle. Whether navigating tight spaces or reversing in low-light conditions, our advanced camera system provides clear and reliable footage.

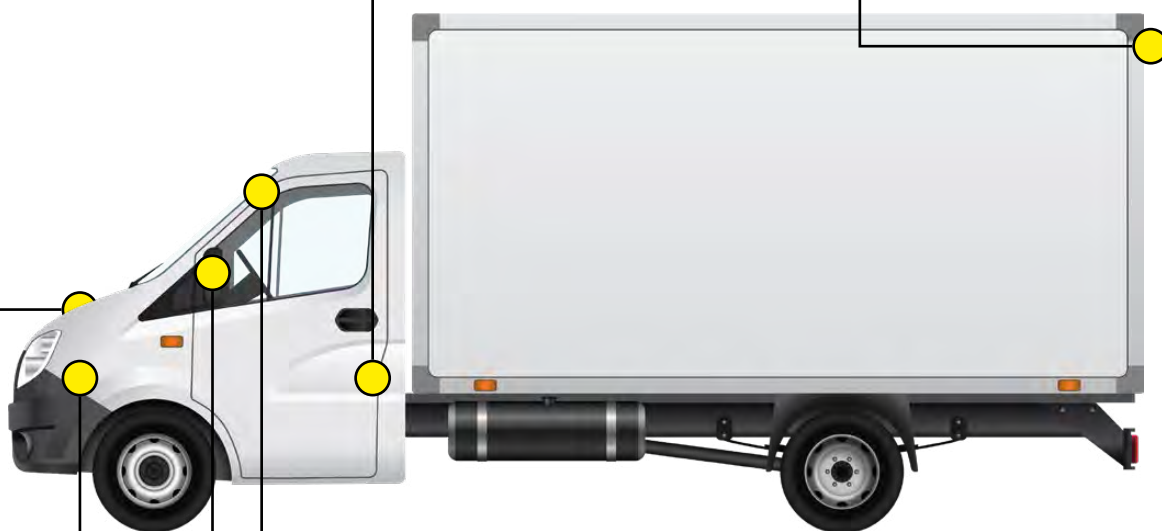
Digital Video Recorder

AHD 4 Channel Digital Video Recorder + 1 Channel IPC (DVR-4HD/-4G)



Rear Camera

Heavy Duty Rear Camera with Smart IR (AHD-RCAM-210-AUD)



Side Cameras x 2

Night Vision Side Camera (AHD-SCAM-725-1)



Front Camera

Front Facing Camera (AHD-FCAM-1080P)



Mirror Monitor

7" AHD Mirror Monitor (AHD-7MM-01)





5 Camera Package For Rigid HGVs

Our cutting-edge 5-camera system for rigid HGVs, ensures unparalleled safety and monitoring capabilities. With two side cameras, a front camera, a rear camera, and an additional IP camera dedicated to monitoring the driver cabin, this package offers comprehensive coverage of both inside and outside the vehicle.





DVR-GPS-ANTENNA



GPS Antenna for DVR

- Magnetic
- SMA connector
- 2.5 metre cable

DVR-3G/4G-ANT



External 3G/4G Antenna

- SMA connector

DVR-SATA-USB



DVR to SATA HDD USB Cable

- Connection from SSD to PC
- USB to SATA
- USB 3.0

DVR-MOUSE



DVR Mouse

- USB Mouse for DVR configuration
- Optical Sensor
- Compact Design

DVR-TRAY



Spare/Replacement Media Tray

- Media caddy/tray for 2.5" drives for the DVR-4-HD & DVR-8-HD range

DVR-MIC



DVR Microphone Kit

- Audio microphone for DVR
- 4Pin aviation connection
- Audio / Video Splitter lead included



DVR-SSD



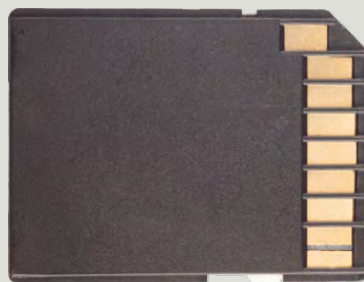
**IDEAL
FOR DVRs**



» 2.5" Solid State Drive (500MB, 1TB, 2TB)

- Available in various memory capacities.
- Recommended for DVRs
- DVR (on factory settings) will use 1.2GB per hour, per channel at 720p
- 5-year manufacturer warranty
- 7mm - SATA III-6Gb/s

SD-CARD



» SD Card (32GB, 64GB, 128GB)

- Available in various memory capacities.
- DVR (on factory settings) will use 650MB per channel, per hour
- Can be used with our DVRs to record footage
- Function must be enabled on DVR to switch to SD card recording in the unlikely event of hard drive failure

DVR / Legacy Accessories



CT-TRAY



» Spare DVR Caddy

- Supplied without media installed
- DVR must format new media for recording to begin
- USB 2.0 Type B connection on rear

CT-KEY



» Key to Unlock DVR Tray

CT-REMOTE



» Spare Remote Control for DVR

- Spare Remote Control for DVR
- Supplied with battery
- Additional batteries also available

CATEGORY 4

Cameras



1080p camera 1080p

IPC-FHD-P

Forward Facing IP Camera 1080p



- 6 Pin aviation connection
- Resolution: 2.0 Mega Pixel
- Output Resolution: 1080P
- Effective Pixels: 1920H x 1080V
- Video Format: 50Hz, 25fps
- Power Consumption: DC 12V $\pm$ 5%, 240mA, 3.0W
- Product Weight Net: 145 g, All: 265 g
- Operating Condition Temp: -45°C to +75°C, Humidity 95%
- Lens: f=3.6mm
- Viewing Angle: 75°
- Light Sensitivity Colour: 0.05Lux @ F1.2; B/W: 0.01 Lux @ F1.2
- Dimensions (L x W x H): 49 x 75 x 122 mm

CAMERAS / AHD

CKO-AI-AD38-150

AI Pedestrian Detection Camera



- Vulnerable Road User detection / human form recognition
- Adjustable zones to show detected areas
- Full high-definition video output, can be overlaid with colour zones and pedestrian warning information
- 720P/1080P Selectable
- No control box needed, can be directly connected to normal monitors / DVR
- Audio alarm output, external buzzer supported
- Calibration via Wi-Fi hotspot with USB dongle
- Waterproof / dustproof rated to IP69K
- Dimensions: 140 x 63 x 54 mm



CKO-AI-AD38-Spacer
Spacer for CKO-AI-AD38-150 Camera



CKO-CAM-SIDE-B
Stainless Steel Bracket -
Camera Side Mount



CKO-EXT-AI-10M
10M 8pin Extension Cable



CKO-EXT-AI-5M-01
5M 8pin Extension Cable



CKO-AI-AD37-150/170
1080p Intelligent Pedestrian
Detection & BSD Camera 150/170
Degree Lens



CKO-CAL-AITool
USB Wi-Fi Calibration Tool
for AI Camera

CAMERAS / AHD

AHD-CT200-F

AHD Front Windscreen Mount Camera



- Window Mounted Front Facing Camera
- 4 Pin aviation connection
- Mini BMW connector to 4 Pin aviation for easier application
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 110°(H) 60°(V)
- Image device: 1/3" CMOS OV60
- Focal length: f: 2.3mm
- Operating voltage: 12V DC
- Dimensions: 60mm(W) 35mm(D) 30mm(H)

AHD-FCAM-1080P

Front Facing Camera



- 4 Pin aviation connection
- Mini BMW connector to 4 Pin aviation for easier application
- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Viewing angle: 130°(H) 70°(V)
- Image device: 1/4" CMOS
- Focal length: f: 2.3mm
- Operating voltage: 12V DC
- Dimensions: 39mm(W) 35mm(D) 30mm(H)

AHD-FCAM-140-CL

Image device: 1/3" CMOS OV60 option

AHD-F307-1080P-01

AHD 1080P Camera



- 4 Pin aviation connection
- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Viewing angle: 110°
- Image Device: 1/3" CMOS
- Operating voltage: 12V DC
- Dimensions: 58mm(W) 55mm(D) 50mm(H)



AHD-SCAM-725-1080P

1080P Night Vision Side Camera



- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Viewing angle: 140°(H) 80°(V)
- Image device: 1/4" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 60mm(W) 75mm(D) 50mm(H)
- Mirror image selectable
- Guide lines selectable
- Built in Microphone



C-KO-CAM-410-HD

Side View Camera WDR 1080P with Audio



- Side View Camera with Audio
- Wide Dynamic Range (WDR)
- Night vision
- 4 Pin aviation connection
- Built in Microphone for Audio
- IP rating: IP69K
- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Effective pixels: 1920(H) x 1080(V)
- Image device: 1/2.9" CMOS
- Operating voltage: 12V DC
- Dimensions: 57mm(W) 75mm(D) 43mm(H)



AHD-SCAM-725-1

Night Vision Side Camera 4 Pin Only



- 4 Pin aviation connection
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 130°(H) 70°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 60mm(W) 75mm(D) 50mm(H)
- Mirror image selectable
- Built in Microphone

AHD-SCAM-720-AUD-2-WHITE

Night Vision Side Camera in White



- 4 Pin aviation connection attached to mini BM Plug
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 100°(H) 70°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 50mm(W) 68mm(D) 43mm(H)
- Mirror image selectable
- Guide lines selectable
- Built in Microphone

SCAM-SPACER

Side Camera Spacer



- Allows cameras to be mounted further out. Product may need to be adapted. For use with all cameras 25mm deep.



CKO-DC-AHD21-AD15

AHD 720P Mini Plastic Dome Camera



- Operating Voltage: 12V
- Operating Temperature : -30 - +70 degrees
- Power Consumption: Max 70mA
- IP Rating: IP66
- Connection type: 4 Pin Aviation
- TV system: PAL
- Output resolution: Adjustable green cable.
- Joined is CVBS and cut is HD 1080P
- Viewing angle: 110
- Lens: f2.1mm
- Operating voltage: 12/24v
- True Image
- Includes angle bracket

AHD-DOME-600TVL

AHD Dome Camera with Audio



- Dome Camera
- Night Vision
- 4 pin aviation connection
- Built in Microphone for Audio
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 74°(H) 58°(V) 88°(D)
- Image device: 1/3" CMOS
- Operating voltage: 12V DC
- Dimensions: 86mmØ 58mm(H)

AHD-DOME-SM

AHD Small Dome Camera



- 4 Pin aviation connection
- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Viewing angle: 100°(H) 70°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 50mm(W) 68mm(D) 43mm(H)
- Mirror image selectable
- Guide lines selectable
- Built in Microphone



C-KO-IPC-DOME-W

White IP Dome Camera



- Output resolution: 1080p
- Viewing angle: 105°
- Image device: 1/2.9" CMOS 1080P
- Operating voltage: 12V DC
- Dimensions: 120mm(W) 65mm(H)
- Waterproof Rating: IP65
- Built in Microphone
- Operating Temperature: -45~75°C

AHD-DCAM-650

AHD Dome Audio 720P



- AHD Dome Camera with Audio
- Night vision
- 4 Pin aviation connection
- Plastic dome cover
- Anti-tamper design
- Built in Microphone for Audio
- TV system: AHD
- Output Resolution: 720p
- FPS: 25
- Viewing angle: 90°(H) 40°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 77mmØ 60mm(H)

AHD-BR-RVC07

AHD Wing Mirror Side View Camera



- Night vision
- 4 Pin aviation connection
- Can be mounted to the wing mirror
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 89°(H) 50°(V)
- Image device: 1/3" CMOS
- Focal length: f: 1.2mm
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 49mm(D) 63mm(H)

CKO-DC-AHD21-AD15

AHD 720P Mini Plastic Dome Camera



- Operating Voltage: 12V
- Operating Temperature : -30 - +70 degrees
- Power Consumption: Max 70mA
- IP Rating: IP66
- Connection type: 4 Pin Aviation
- TV system: PAL
- Output resolution: Adjustable green cable.
Joined is CVBS and cut is HD 1080P
- Viewing angle: 110
- Lens: f2.1mm
- Operating voltage: 12/24v
- True Image
- Includes angle bracket



CKO-DC-AHD25IR-AD15

AHD 720P Mini Plastic Dome Camera
2.5mm Megapixel Lens, with IR



CKO-DC-AHD-AD15

AHD 720P Mini Plastic Dome Camera
2.5mm Megapixel Lens

CAMERAS / AHD



AHD-CA-9898

AHD Dual Camera in White



- Resolution AHD 720P
- Dimensions (including mount): 104mm(W) x 66mm(D) x 97mm(H)
- Operating Voltage: 12V DC
- Power Consumption (on): 300mA max
- Power Input: Via 4-Pin Aviation Connector
- Connection Type: 2x 4-Pin Aviation
- TV System: PAL
- Operating Temperature: -30°C to +70°C
- Operating Humidity: <95% RH
- IP Rating: IP67

AHD-RCAM-1080P

1080p Heavy Duty Rear Camera



- 4 Pin aviation connection
- TV system: AHD
- Output resolution: 1080p
- FPS: 25
- Viewing angle: 89°(H) 72°(V) 103°(D)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 63mm(D) 70mm(H)
- Mirror image

AHD-RCAM-210-AUD

Heavy Duty Rear Camera with Smart IR



- 4 Pin aviation connection
- TV system: AHD
- Output resolution: 720p
- FPS: 25
- Viewing angle: 89°(H) 72°(V) 103°(D)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 63mm(D) 70mm(H)
- Mirror image
- Built-in Microphone

AHD-RCAM-210-AUD-CONDUIT

Heavy Duty Camera with Smart IR and Cable in Conduit

CAMERAS / FORS Packages



At CKO, our mission is to ensure your fleet's compliance with the Fleet Operator Recognition Scheme (FORS) by providing top-notch vehicle safety equipment. The FORS scheme stands as a beacon of higher standards, encompassing safety, efficiency, environmental protection, and overall operational excellence.

By adhering to FORS standards, your fleet not only adopts safer working practices but also contributes significantly to reducing work-related road risks. Moreover, FORS certification instils confidence in your customers, assuring them that your fleet operates with safety and sustainability at its core. These advantages not only enhance your reputation but also provide a competitive edge over non-certified fleets.

In line with FORS's commitment to integrating cutting-edge technology, we are proud to introduce our FORS kit, featuring AI pedestrian detection cameras. With the ability to accurately differentiate between roadside fixtures and vulnerable road users, such as pedestrians and cyclists, our AI cameras represent the future of fleet safety.



Find out more about our FORS kits.
Call us today on **0208 863 8333** (Option 1).



Intelligent Vehicle Technology

Brake Light Cameras with Built-In Versatility.

FOR MANY
MAKES &
MODELS



The Smart Solution for Installers Who Demand Flexibility.

Compatible with various van makes and models, with even more products coming soon! Designed for exceptional performance, our brake light cameras feature **switchable PAL/NTSC**, **selectable D1 or AHD 1080p resolution**.

With an **IP68 rating** and **ECE R10 approved**. Each camera includes a **10m Aviation Extension Cable** for easy installation. A wide range of video inserters are available for rear-view cameras to integrate with OEM Infotainment screens.



Intelligent Vehicle Technology

Contact the CKO sales team to find out more. Call 0208 863 8333 (Option 1)

CAMERAS / Brake Light

C-KO-MAXUS9-CAM-CW

Maxus eDeliver 9 (2020-Current)



- Connection Type: RCA
- TV System: Adjustable black cable. Default NTSC cut the loop for PAL
- Output Resolution: Adjustable white cable. Default CVBS cut the loop for 1080P
- Viewing Angle: 170°
- Mirrored Image: Yes
- Guide Lines: Adjustable via green cable. Default ON , cut the loop for OFF
- Microphone: No
- Operating Voltage: 12V/24V
- Operating Temperature: -30°C ~ +70°C
- Power Consumption: Max 70mA
- IP Rating: IP67



Black Wire: NTSC/PAL (Default NTSC)

White Wire: AHD/CVBS (Default AHD)

Green Wire: Guide lines ON/OFF (Default ON)

CAMERAS / Brake Light

CKO-BER-CAM-CW

Citroen Berlingo (2008-Current)



- Dimensions: 240mm (W) x 28mm (D) x 110mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: Up/Down
- Night Vision IR LED: No
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

CAMERAS / Brake Light



C-KO-CRAFTER-CAM-CW

Fit for VW Crafter / MAN TGE (2017-Current)



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/NTSC (Default AHD)

- Dimensions: 60mm (W) x 65mm (D) x 220mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: Up/Down
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-FT-CAM-CW

Ford Transit Brake Light camera (2013-2019)



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/NTSC (Default AHD)

- Dimensions: 405mm (W) x 55mm (D) x 110mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Lens: 2.8mm
- Camera Adjustment: Fixed
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-TC-CAM-LED-CW

Ford Transit Custom with LED (2016-Current)



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/CVBS (Default AHD)

- Dimensions: 265mm (W) x 50mm (D) x 140mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: Aviation
- Lens: 2.8mm
- Camera Adjustment: Fixed
- Night Vision IR LED: 10
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

CAMERAS / Brake Light



C-KO-BDV-CAM-CW

Mercedes-Benz Vito Van Two Doors (2016)



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

- Dimensions: 60mm (W) x 65mm (D) x 220mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: Up/Down
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

CKO-EXP-CAM-CW

Peugeot Expert/Traveller, Citroen Jumpy / Space Tourer & Toyota ProAce (2016-Current)



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

- Dimensions: 265mm (W) x 35mm (D) x 65mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: Up/Down
- Night Vision IR LED: No
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-NRV-CAM-CW

Renault Master, Nissan NV400, Vauxhall Movano Brake Light Camera (2010-Current)



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

- Dimensions: 200mm (W) x 130mm (D) x 135mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: No
- Night Camera IR LED: No
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

CAMERAS / Brake Light



C-KO-IVEC-CAM-CW

Iveco Daily (2023-Current)



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

- Dimensions: 345mm (W) x 25mm (D) x 85mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/ NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Lens: 2.8mm
- Camera Adjustment: Ball Up/Down
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-VITO-CAM-CW

Mercedes Benz V-Klasse / Vito / Viano (2014-Current)



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

- Dimensions: 490mm (W) x 40mm (D) x 95mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/ NTSC 30FPS (Selectable)
- Connection Type: Aviation
- Lens: 1.7mm
- Camera Adjustment: Up/Down
- Night Vision IR LED: No
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-SPR-CAM-CW

Mercedes Sprinter (2006-2023) / VW Crafter (2007-2017)



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/CVBS (Default AHD)

- Dimensions: 345mm (W) x 35mm (D) x 120mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/ NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Lens: 2.8mm
- Camera Adjustment: Fixed
- Night Vision IR LED: 10
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

CAMERAS / Brake Light



C-KO-VR-CAM-CW



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/NTSC (Default AHD)

Vauxhall Vivaro / Renault Traffic (2014-Current)



- Dimensions: 230mm (W) x 80mm (D) x 70mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Camera Adjustment: Ball Up/Down
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Replaces current brake light lens
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-CAD-CAM-CW



Green Wire: PAL/NTSC (Default PAL)
White Wire: AHD/CVBS (Default AHD)

VW Caddy (2022-2024)



- Dimensions: 185mm (W) x 35mm (D) x 95mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Lens: 1.7mm
- Camera Adjustment: Up/Down
- Night Vision IR LED: No
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 130°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No

C-KO-FPC-CAM-CW



Green Wire: PAL/NTSC (Default PAL)
Orange Wire: AHD/NTSC (Default AHD)

Fiat Ducato, Peugeot Boxer, Citroen Jumper Van (2006-2023)



- Dimensions: 270mm (W) x 55mm (D) x 100mm (H)
- Resolution: D1/AHD 1080p (Selectable)
- Image Format: PAL 25FPS/NTSC 30FPS (Selectable)
- Connection Type: 4 Pin Aviation
- Lens: 2.8mm
- Camera Adjustment: Ball Up/Down
- Night Vision IR LED: 8
- Night Vision: 0.1 Lux
- Incorporated LED brake light
- Approval: ECE R10
- Viewing Angle: 140°
- IP Rating: IP68
- Operating Voltage: 12v/24v
- Operating Temperature: -20° to 70°
- White Balance: Automatic
- Audio: No



Camera Package For Vans

Elevate your driving experience with the AHD-7MM-CAM-CAB van camera package. At the heart of the solution is our cutting-edge 7" AHD Mirror Monitor, boasting a high-resolution, integrated digital display. This monitor offers a crystal-clear view of the rear of your vehicle, ensuring full control and awareness of your surroundings.

With its two-channel triggering capability, the display is activated precisely when needed. The system supports two video inputs, accommodating CVBS (D1) as well as AHD720p and AHD1080p formats.



Mirror Monitor

7" AHD Mirror Monitor. Dual purpose with both clip-on and stalk



Rear Camera

Rear Facing Camera



Extension Cable

10 Metre Extension Cable





CW634

Number Plate Camera with Night Vision



- Dimensions: 198mm(W) 28mm(H) 28mm(D)
- Operating Voltage: 12V
- Mirrored Image: Yes
- Night Vision IR: Yes – 4 IR LEDs
- Min Illumination: 0 Lux (with IR)
- Guide Lines: No
- Audio: Yes
- Viewing Angle: 110°(H) 80°(V)
- Connection Type: 4-pin aviation
- White Balance: Auto
- IP Rating: IP68
- Image Sensor: 1/3" CMOS PC1058
- TV System: PAL CVBS (D1)
- Effective Pixels: 960 x 576
- Emark Certification: R10
- Refresh Rate: 25fps
- Operating Temperature: -20°C to +70°C
- Operating Humidity: <95%
- Storage Temperature: -40°C to +80°C

C-KO-FHD670-170

1080p Number Plate Camera



- Dimensions: 198mm(W) x 28mm(H) x 28mm(D)
- Operating Voltage: 12V
- Mirrored Image: Yes
- Night Vision IR: Yes – 4 IR LEDs
- Min Illumination: 0 Lux (with IR)
- Guide Lines: No
- Audio: Yes
- Viewing Angle: 170°
- Connection Type: 4-pin aviation
- White Balance: Auto
- IP Rating: IP68
- Image Sensor: 1/2.9" CMOS
- TV System: AHD 1080p
- Effective Pixels: 1920 x 1080
- Emark Certification: R10
- Refresh Rate: 25fps
- Operating Temperature: -20°C to +70°C
- Operating Humidity: <95%
- Storage Temperature: -40°C to +80°C
- Storage Humidity: <95%

CW141642MCAI

Number Plate Camera with Surround



- 4 Pin aviation connection
- Mirror image
- Guide lines selectable
- TV system: PAL or CVBS (D1)
- FPS: 25
- Effective pixels: 648 x 488
- Viewing angle: 120°(H)
- Image device: 1/3" CMOS
- Focal length: f: 2.1mm
- Operating voltage: 12V DC
- Dimensions: 527mm(W) 37mm(D) 125mm(H)

COL-M95-N Metal Wedge Camera



- 140 Degree Viewing Angle
- Guideline selectable - on by default, green cable
- Mirror / true image selectable - Mirror by default, white cable
- Horizontal / Vertical mounting selectable - Horizontal by default, orange cable
- 27mm wide x 31mm height x 24mm deep excluding screw thread
- 26mm needed to allow for screw thread and cable to be mounted onto vehicle
- 17mm screw thread depth
- 5mm hole size
- 59cm fly lead
- 4pin mini BM connector
- AHD version also available

NTSC Version (COL-M95-N)

PAL Version (COL-M95-P)

AHD Version (COL-M95-AHD-P)



CA-309-PAL

Wide Angle Camera



- RCA connection
- TV system: PAL
- Output resolution: 576i
- Guidelines: Yes – Selectable
- Mirror image: Yes – Selectable
- FPS: 25
- Viewing angle: 170°
- Image Device: 1/3" CMOS OV60
- Operating voltage: 12V DC
- Dimensions: 28mm(W) 40mm(D) 23mm(H)

CA-9320-800

800TVL Front Camera



- 4 Pin aviation connection
- Mirror image selectable via cutting green wire
- Mini BMW connector to 4 Pin aviation
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 976 x 582
- Viewing angle: 110°(H) 80°(V)
- Image device: 1/3" SONY CCD
- Focal length: f: 2.3mm
- Operating voltage: 12V DC
- Dimensions: 39mm(W) 35mm(D) 30mm(H)

CA-9401-Y-01

Wedge Camera



- RCA video connection
- Guide lines selectable via joining green wires
- Fixed mirror image
- TV system: NTSC
- Output resolution: 480i
- FPS: 30
- Viewing angle: 120°(H) 110°(V)
- Image device: 1/3" CMOS OV60
- Focal length: f: 2.1mm
- Operating voltage: 12V DC
- Dimensions: 30mm(W) 34mm(D) 37mm(H)



C-KO-CAM-410

Side View Camera with Audio



- Side View Camera with Audio
- Night vision
- 4 Pin aviation connection
- Built in Microphone for Audio
- Mirror image selectable via jumper plug
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 728 x 488
- Viewing angle: 105°(H) 72°(V)
- Image device: 1/3" CMOS PC1089
- Operating voltage: 12V DC
- Dimensions: 57mm(W) 75mm(D) 43mm(H)



C-KO-CAM-410-WHITE

Side View Camera with Audio in White

DCAM-ANGLE-25

SCAM-SPACER



Surface Mount Adaptors for Dome Cameras

- 25" Surface Mount Adaptor

Side Camera Spacer

- Allows cameras to be mounted further out. Product may need to be adapted. For use with all cameras 25mm deep.



C-KO-BR-RVC07

Wing Mirror Side View Camera



- Night vision
- 4 Pin aviation connection
- Can be mounted to the wing mirror
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 500 x 582
- Viewing angle: 89°(H) 70°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 49mm(D) 63mm(H)

CAM-DOME-600TVL

Dome Camera with Audio



- Night vision
- 4 Pin aviation connection
- Built in Microphone for Audio
- Anti-tamper design
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 704 X 576
- Viewing angle: 60°(H) 30°(V)
- Image device: 1/3" CMOS
- Operating voltage: 12V DC
- Dimensions: 86mmØ 58mm(H)



CA-MB-SPR-CCD-N/-P

Overhanging Camera



- 4 Pin aviation connection
- Roof Mounted Camera
- Fixed mirror image
- TV system: NTSC / PAL
- Output resolution: 480i / 576i
- FPS: 30 (NTSC) / 25 (PAL)
- Effective pixels: 720 x 480
- Viewing angle: 85°(H) 60°(V)
- Image device: 1/3" Sony CCD
- Focal length: f: 2.1mm
- Operating voltage: 12V DC
- Dimensions: 132mm(W) 220mm(D) 100mm(H)

CA-9406-PAL

Night Vision Bumper Camera



- 4 Pin aviation connection
- Mini BMW connector to 4 Pin aviation
- Mirror image selectable
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 976 x 582
- Viewing angle: 120°(H) 100°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.3mm
- Operating voltage: 12V DC
- Dimensions: 31mm(W) 40mm(D) 31mm(H)

COL185-SCR-MK2

Multi Mount Micro Camera



- Butterfly / Push Fit mount camera
- Adaptor to side mount camera
- 4 Pin aviation connection
- Mirror image selectable by cutting white wire
- Guide lines selectable by cutting green wire
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 720 x 540
- Viewing angle: 110°(H) 90°(V)
- Image device: 1/3" CMOS
- Focal length: f: 2.1mm
- Operating voltage: 12V DC
- Dimensions: 37mm(W) 30mm(D) 27mm(H)



CA-9770-PAL

Dual Camera



- RCA connection
- Mirror image
- Built-in microphone
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 960 x 576
- Viewing angle: 75°(H)
- Image device: 1/3" CMOS PC1058K
- Operating voltage: 12V DC
- Dimensions: 110mm(W) 70mm(D) 80mm(H)

RCAM-0-087-CAM

Heavy Duty Body Mount Camera



- Heavy Duty Body Mount Camera
- Night vision Smart IR
- 4 Pin aviation connection
- Built in Microphone for Audio
- Mirror image selectable via screw on camera rear
- TV system: PAL
- Output resolution: 576i
- FPS: 25
- Effective pixels: 960 x 576
- Viewing angle: 80°(H) 60°(V)
- Image device: 1/3" CMOS PC1058K
- Operating voltage: 12V DC
- Dimensions: 90mm(W) 62mm(D) 68mm(H)



RCAM-0-087-CAM-W

Heavy Duty Body Mount Camera in White

C-KO-RCAM-210-NTSC

Heavy Duty Rear Camera



- 4 Pin aviation connection
- TV system: NTSC
- Effective pixels: 960 x 576
- FPS: 30
- Viewing angle: 89°(H) 72°(V) 103°(D)
- Image device: 1/3" CMOS
- Focal length: f: 2.8mm
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 63mm(D) 70mm(H)
- Mirror image
- Built in Microphone

CATEGORY 5

Monitors

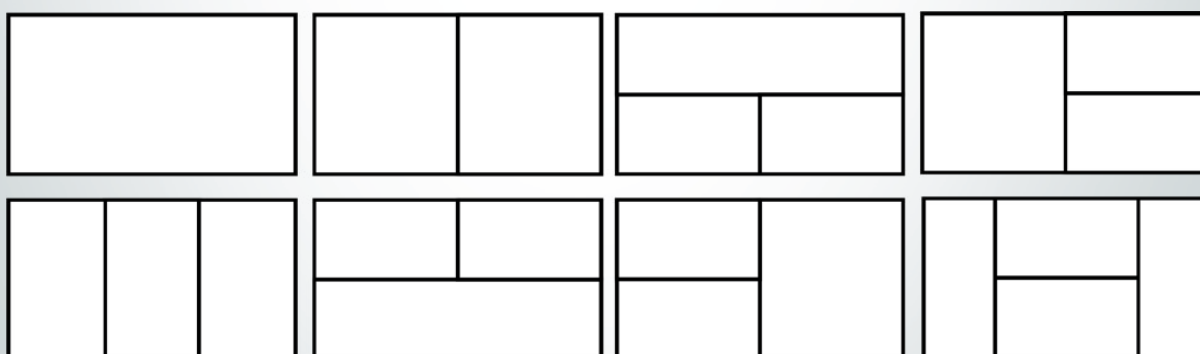


MONITORS

CKO-MON-QUAD 7" Quad View Monitor



- 7" HD quality digital screen
- Built-in speaker (audio on all channels)
- 4 x 4 Pin aviation inputs
- 4 Triggers
- Resolution: 1024 x 600
- Contrast ratio: 500:1
- Aspect ratio: 16:9
- Brightness: 400cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V / 24V DC
- Dimensions: 179mm(W) 25mm(D) 120mm(H)
- Monitor can power cameras
- Shows up to 4 images on the screen at the same time
- Each input displayed on screen when triggered
- Button locking feature
- Auto dimming function in low light conditions



Screen Layout Options

MONITORS



AHD-MON-C13

7" AHD Dash Mount Monitor



- 7" Digital panel
- AHD / PAL / NTSC compatible
- 3 x 4 Pin aviation inputs
- 3 Trigger
- Resolution: 1024 x 600
- Contrast ratio: 500:1
- Aspect ratio: 16:9
- Brightness: 400cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V / 24V DC
- Dimensions: 180mm(W) 23mm(D) 120mm(H)
- Monitor can power cameras

AHD-MON-C90

9" AHD Dash Mount Monitor



- 9" Digital panel
- AHD / PAL / NTSC compatible
- 2 x 4 Pin aviation inputs
- 1 Trigger
- Resolution: 1024 x 600
- Contrast ratio: 500:1
- Aspect ratio: 16:9
- Brightness: 400cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 192mm(W) 32mm(D) 134mm(H)
- Monitor can power cameras

MONITORS



PV-YW795

7" Dash Mount Monitor



- 7" Digital panel
- PAL / NTSC compatible
- 2 x 4 Pin aviation inputs
- 2 Triggers
- Resolution: 800 x 480
- Contrast ratio: 500:1
- Aspect ratio: 16:9
- Brightness: 400cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V / 24V DC
- Dimensions: 180mm(W) 23mm(D) 120mm(H)
- Monitor can power cameras
- Audio on CH2



CK-03-B

7" Camera Kit



- Heavy Duty Body Mount Camera
- Night Vision with Smart IR
- 4 Pin aviation connection
- Built in Microphone for Audio
- Mirror image selectable via screw on camera rear
- Camera Dimensions:
 - 80mm(W) 63mm(D) 70mm(H)
- 7" Digital TFT LCD
- Delay timer for trigger set on screen
- Powers cameras 12V DC
- Can mirror cameras on screen
- Built in sun shade
- Built in speaker
- 2 x 4 Pin aviation inputs
- 1 Trigger
- Operating voltage: 12V / 24V DC
- Monitor Dimensions: 172mm(W) 45mm(D) 115mm(H)

CK-18 CK-18 Kit Camera



- 4 Pin aviation connection
- TV system: PAL
- Output resolution: 576i
- Mirror image: Yes
- Night vision IR: Yes – 18 LEDs
- FPS: 25
- Viewing angle: 80°(H) 60°(V)
- Image Device: 1/3" Sharp CMOS
- Operating voltage: 12V DC
- Dimensions: 80mm(W) 63mm(D) 70mm(H)

AHD-7MM-CAM-CAB 7" AHD Mirror Monitor Kit



- 7" Mirror Monitor with dual purpose clip-on and stalk functionality, rear camera, and 10 metre extension cable
- 7" TFT LCD Panel
- Resolution: 1024 * RGB* 600 (AHD Monitor)
- Aspect Ratio: 16:9
- 2 Video Inputs via 4pin Aviation connection
- Trigger camera for channel 2
- Configurable delay on triggered image via menu
- PAL & NTSC auto-switching
- CVBS (D1), AHD720p, AHD1080p compatible
- Power DC 12-24 Volts
- Dimensions: 250mm x 21mm x 109mm
- The solution supports two Video inputs, allowing for the connection of CVBS (D1) and is AHD720p and AHD1080p compatible
- Comes with a remote control
- Optional mirror monitor stalk bracket available separately

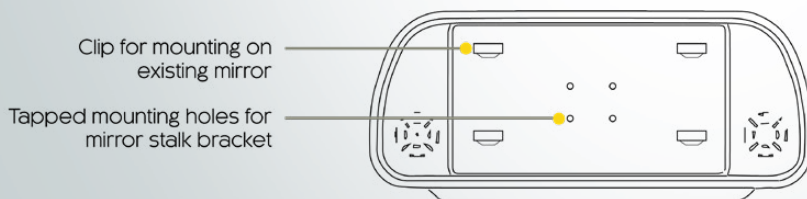
MONITORS / Mirror Monitors

AHD-7MM-01 7" AHD Mirror Monitor



Dual purpose with both clip-on and stalk

- 7" TFT LCD Panel
- Resolution: 1024 * RGB* 600 (AHD Monitor)
- Aspect Ratio: 16:9
- 2 Video Inputs via 4pin Aviation connection
- Trigger camera for channel 2
- Configurable delay on triggered image via menu
- PAL & NTSC auto-switching
- CVBS (D1), AHD720p, AHD1080p compatible
- Power DC 12-24 Volts
- Dimensions: 250mm x 21mm x 109mm



Optional mirror monitor stalk bracket

TD-03

4.3" Mirror Monitor with Stalk



- Universal mount
- Built in Ambient Light Sensor
- 4.3" Digital panel
- PAL / NTSC compatible
- 2 x RCA video inputs
- 1 Trigger
- Resolution: 480 x 272
- Contrast ratio: 300:1
- Aspect ratio: 16:9
- Brightness: 250cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 270mm(W) 44mm(D) 80mm(H)



MONITORS / Mirror Monitors



C-KO-MIR-5C-01

5" Mirror Monitor Clip On



Rear of Product

- 5" Digital panel
- PAL / NTSC compatible
- 2 x 4 pin aviation video inputs
- Switches with video signal
- Resolution: 480 x 272
- Contrast ratio: 300:1
- Aspect ratio: 16:9
- Brightness: 500cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 276mm(W) 25mm(D) 97mm(H)

C-KO-MIR-5S-01

5" Mirror Monitor with Universal Stalk



Universal Stalk Included

Rear of Product

- 5" Digital panel
- PAL / NTSC compatible
- 2 x 4 pin aviation video inputs
- Switches with video signal
- Resolution: 480 x 272
- Contrast ratio: 300:1
- Aspect ratio: 16:9
- Brightness: 500cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 276mm(W) 25mm(D) 97mm(H)

TC-06-01

4.3" Mirror Monitor Clip On



Rear of Product

- 4.3" Digital panel
- PAL / NTSC compatible
- 2 x 4 pin aviation video inputs
- 1 Trigger
- Resolution: 480 x 272
- Contrast ratio: 300:1
- Aspect ratio: 16:9
- Brightness: 250cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 276mm(W) 30mm(D) 39mm(H)

MONITORS / Mirror Monitors



TC-05-01

4.3" Mirror Monitor with Universal Stalk



Universal Stalk Included

Rear of Product

- 4.3" Digital panel
- PAL / NTSC compatible
- 2 x 4 pin aviation video inputs
- 1 Trigger
- Resolution: 480 x 272
- Contrast ratio: 300:1
- Aspect ratio: 16:9
- Brightness: 250cd/m²
- Viewing angle: U: 50° D:70° R/L 70°/70°
- Operating voltage: 12V DC
- Dimensions: 276mm(W) 30mm(D) 39mm(H)

» Mirror Monitor Stalks

CKO offer a wide range of stalk options designed to suit various vehicle makes and models, making it easy to securely fit your mirror monitor into your vehicle. Our stalk selection is fully compatible with our mirror monitors and is continually updated to support newer vehicles, ensuring you can find the right fit with ease.

STALK#CM



» Ceiling Mounted Stalk

Ceiling mounted stalk for monitors and mirror monitors

STALK#1



» Universal Mirror Stalk/ NISSAN/ FORD

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/ CAM-CAB

MONITORS / Mirror Monitors



STALK#3



Stalk For VW

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB

STALK#7



Mirror Stalk For New Kia/ Vauxhall Antara

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB

STALK#12



Stalk For Citroen/ Peugeot/ Mercedes/ Fiat

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB

STALK#35



Stalk For NEW Peugeot Boxer / Fiat Ducato

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB

STALK#39



Stalk For Peugeot

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB

STALK#42



Stalk For Vauxhall up to 2014

For use with TC-05, C-KO-MIR-5S-01, AHD-7MM-01/
CAM-CAB



» Camera Package For Motorhomes

Ensure the safe reversing and maneuvering of your motorhome with our specialised camera kit. Our solution includes the new 7" Mirror Monitor, equipped with dual clip-on and stalk functionality, providing optimal visibility and control. Paired with our white dual camera featuring a built-in microphone, you'll have comprehensive coverage of your surroundings, enhancing safety and peace of mind during every journey.



Mirror Monitor

7" AHD Mirror Monitor. Dual purpose with both clip-on and stalk (AHD-7MM-01)



Rear Camera

Dual Camera
(AHD-CA-9898)





Intelligent Vehicle Technology

Cabling Solutions for Your Camera Systems.



From Off-The-Shelf Options to Fully Bespoke Builds.

We've got you covered with our extensive cable range. Turn to **pages 80 - 91** to explore high-quality cables designed for durability across a wide range of vehicle types and applications. **We also offer a bespoke cabling service** (including custom looms and connectors) that caters to the unique needs of each vehicle throughout its life cycle.

We provide detailed technical drawings and can assist in sourcing specialist components, guaranteeing compatibility and performance. With a strong focus on quality, our services are backed by **comprehensive internal testing and certifications**, while our rigorous assessment process ensures that every factory meets the highest standards.



Intelligent Vehicle Technology

Contact the CKO sales team to find out more. Call 0208 863 8333 (Option 1)

CATEGORY 6

Sensors

SENSORS / Parking Sensor



RS-4-22-RM-F

4 Head Rubberised Parking Sensors for Metal Bumpers



- Push fit rubber heads
- Number of heads: 4
- Sensor hole size: 22Ømm
- Length of cable 3m at the furthest sensor
- Detection range: 1.5m to 0.3m
- Sensitivity adjustment
- Operating voltage: 12V DC
- Flat heads



RS-4000

Parking Sensor



- Quick Installation - simple live & earth
- 5 second off delay for traffic
- Push fit matt 22mm black heads
- Sensors on between 1mph - 6mph
- Length of cable 3m at the furthest sensor
- Detection range: 1.2m to 0.3m
- Operating voltage: 12V DC
- Variable volume
- Buzzer included
- Optional display available

SENSORS / Parking Sensor



RS-2-22-RM-A

2 Head Rubberised Parking Sensors for Metal Bumpers



- Push fit rubber heads
- Number of heads: 2
- Sensor hole size: 22Ømm
- Length of cable 3m at the furthest sensor
- Detection range: 1.5m to 0.3m
- Sensitivity adjustment
- Operating voltage: 12V DC
- 20° Angled heads



RS-4000-F-GPS-MATT

GPS Speed Controlled Front Parking Sensor, GPS Speed Triggered



- Quick Installation - simple live & earth
- 5 second off delay for traffic
- Push fit matt 22mm black heads
- Sensors on between 1mph - 6mph
- Length of cable 3m at the furthest sensor
- Detection range: 1.2m to 0.3m
- Operating voltage: 12V DC
- Variable volume
- Buzzer included
- Optional display available

CATEGORY 7

Warning Alarms



WARNING ALARMS



ALM-MULTI-01

Multiple Vocal Message Warning Alarm



- IP Rating: IP68
- Rated Voltage: 12/24V DC
- Certifications: ECE R10 UKCA
- Sound pressure: 97dB +/-4dB
- Dimensions: 104 x 68 x 60mm
- Three warning message options: "Caution, This Vehicle Is Turning Left", "Caution, This Vehicle Is Turning Right", and "Warning, This Vehicle Is Reversing".

ALM-WNB-01

Selectable White Noise / Beep Alarm



- IP Rating: IP67
- Rated Voltage: 12/80V DC
- Certifications: ECE R10 UKCA
- Sound pressure: 87dB, 97dB, 107dB +/-4dB
- Dimensions: 102 x 67 x 68mm
- Two sound options: "Beep Beep" alert or white noise

ALM-WNBDE-01

Selectable White Noise / Beep Double Engage Alarm



- IP Rating: IP67
- Rated Voltage: 12/80V
- Certifications: ECE R10 UKCA
- Sound pressure: 87dB, 97dB, 107dB +/-4dB
- Dimensions: 102 x 36 x 67mm
- Housing Material: ABS
- Two sound options: "Beep Beep" alert or white noise
- Additional Features Night Silent Function
- Double Engage Function (Disables audible alarm if reverse is engaged twice within 2 seconds)

WARNING ALARMS



CKO-BUZ-1

Single Tone Buzzer



- Flat top acoustic buzzer
- Voltage 10-28v Dc
- Frequency 450Hz
- Current 25 mA
- Termination by male & female spade terminals



AVAL2-14CLHO

ALARM-A-LIGHT



- Talking audio alert 'STAND CLEAR, THIS VEHICLE IS TURNING LEFT'
- Orange LED talking Alarm-a-light.
- The ultimate alarm and light warning system.
- When the alarm is activated the lights flash in unison with the sound, when mute or half volume are selected the lights flash brighter to highlight the danger.
- Dual voltage
- CE and EMC approved
- M.I.R.A. Tested for all on and off highway applications Epoxy sealed for greater durability against water Complete with anti-vibration gasket and mounting screws
- E marked
e11*72/245*2009/19*7568*00
- 10R approved 10R-037568
- Rear and right turn alarm alternatives available

CATEGORY 8

Heated Seats



HEATED SEATS



QZ-CK02/A0(A)

High / Low Switch Split Pad Heated Seats



- 4 pads for one seat
- High / Low / Off Switch
- Pad Dimensions: 138 x 500mm
- 45°C - 70°C
- 12 Volt
- EMark E24 certified
- EMC compliant, approved by TUV

QZ-CK01/A0(A)

High / Low Switch Heated Seats



- 2 pads for one seat
- High / Low / Off Switch
- Pad Dimensions: 277 x 545mm
- 45°C - 70°C
- 12 Volt
- EMark E24 certified
- EMC compliant, approved by TUV

QZ-CK01/A0(D)

3 Stage Heated Seat Pads



- 2 pads for one seat
- 3 stage variable heat settings
- Carbon fibre design
- Resets to off state on power cycle
- Max temp 70°C
- 50W max power consumption
- Current drain 4.2A (max), 2.5A (med) 1.25A (low)
- Dimensions 450 x 280 x 0.3mm
- EMark E24 certified
- EMC compliant, approved by TUV

CATEGORY 9

Accessories
& Cables





CANM8-SCAN



CAN Bus Interface

- Speed 12V (1A max) when the vehicle speed is 0 – 15 MPH.
- Reverse 12V (1A max) when reverse gear is selected.
- Left Indicator Continuous 12V (1A max) when the left indicator is active and the vehicle speed is 0 – 15 MPH.
- Right Indicator Continuous 12V (1A max) when the right indicator is active and the vehicle speed is 0 – 15 MPH.
- **Other CAN Bus interfaces also available**

AVSMMOD1



Indicator Module

- Indicator Control Unit
- Dual voltage: 12V / 24V DC
- Potted to withstand vibration
- Solid state electronics
- Fully waterproof
- Universal – fits all known applications
- Compact – easily fits under dashboard

AVRRS6



Timed Cut Off Switch

- Six-minute timer cut-out
- Auto reset
- Dual voltage: 12V / 24V DC
- IP67 rated – sealed against mud, water and vibration
- Dimensions: 30(H) 88(W) 47(D)
- Can be used with any alarm

AVSPLIMO1



Speed Sensing Device

- Speed sensing device designed to turn off side scan, front sensors or side alarms above a predefined speed.
- Dual voltage: 12V / 24V DC
- Waterproof and dustproof
- Multi-setting speeds available
- Compatible with most quality manufactured products
- Compact – easily fits under



SCAM-SPACER



Side Camera Spacer

- Allows cameras to be mounted further out. Product may need to be adapted. For use with all cameras 25mm deep.

DCAM-ANGLE-15



15 Degree Angle Bracket For 650 Series Cams

CKO-DM-04



Monitor Adaptor

- Knuckle to monitor adaptor for use with C-KO-BRK-04

C-KO-DM-03



Monitor Bracket

- Self-adhesive pad attached to base

C-KO-BRACKET



Monitor Bracket

- Self-adhesive pad attached to base

CKO-BRK-04



Monitor Bracket



STALK#CM



» Ceiling Mounted Stalk

- Ceiling mounted stalk for monitors and mirror monitors

ACC-STALK-CM



» Mounting Plate

DCAM-ANGLE-25



» Surface Mount Adaptors for Dome

- 25" Surface Mount Adaptor

CKO-ALM-NS-AVDEL07



» Latched Instant Module with Switch

- ON OFF SWITCH UNIT
- On-off immediate cut out switch
- In cab switch provided
- Auto reset
- 12-24V
- IP67 rated – sealed against mud, water and vibration
- 30(H) x 88(W) x 47(D)
- Can be used with any alarm or side scan sensor system



USB-CHARGE-4



USB Charging Point

- 2 Port USB Socket
- Standard nut installation charger
- Rubber dust cover

- Output voltage: 5V
- Output rating: 3.1A total
- Operating voltage: 12V / 24V DC
- Dimensions: 60mm(W) 40mm(D) 43mm(H)

TOT-MON/DVR



Adaptor Cable for DVR / Monitor

Female 4 Pin aviation connection to RCA and power.

TOT-MON/DVR-2-01



Female to Female 4 Pin

Power not terminated.

TOT-CAM



Camera Adaptor Cable

Male 4 Pin to Phono male video and Phono male audio. Unterminated bare end for live and earth

K-69671



Female Cigarette Socket Fused - 5amp



CAB-SV-MTR-4PIN-CL



**MULTIPLE
LENGTHS
AVAILABLE**



4 Pin Aviation Screw Cables

- Available in 1, 3, 5, 7.5, 10, 15, 20 & 25 Metre
- Male to female 4 Pin extensions

TOT-CAM-5



4 Pin Aviation to Video and Audio Phono and DC Socket

TOT-CAM-7



4 Pin Aviation to Video Phono and DC Plug

TOT-BARE-MALE



Bare End Male Aviation

TOT-BARE-MALE-2



Bare End Male Aviation x 2



TOT-BARE-FEMALE



» Bare End Female Aviation

TOT-BARE-FEMALE-2



» Bare End Female Aviation x 2

TOT-DC25



» Bare End Power Lead

CAB-4SCR-SPLITTER



» 1 x Male to 2 x Female 4 Pin Splitter

GO-CONV-LEAD-01



» 4 Pin Aviation to S-Video

TOT-MON-/DVR-4



» Male to Female 4 Pin Monitor/DVR Connection Lead (No Power)



CAB-HSD-4PIN-01



» HSD Female To 4pin Male Lead

CAB-IP-5MEXT



» 5M Extension Cable for IP Cameras

CAB-VOL-CI-01



» Volvo Truck Camera Interface Lead

MAD-PX070



» PX070 RCA Y Connector 1 Female to 2 Male

CKP-BRK-M-PLATE



» Suzi Mounting Bracket 15 PIN



CKO-RJ45-0.5M



» RJ45 Cable 0.5M

CKO-AI-AD38-Spacer



» Spacer for AI Pedestrian Detection Camera

CKO-CAL-AITool



» USB Wi-Fi Calibration Tool for AI Camera

CKO-CAM-SIDE-B



» Stainless Steel Bracket - Camera Side Mount

CKO-EXT-AI-3M/5M-01/10M/20M



MULTIPLE LENGTHS AVAILABLE

» 3M, 5M, 10M or 20M 8pin Extension Cable for AI Cameras

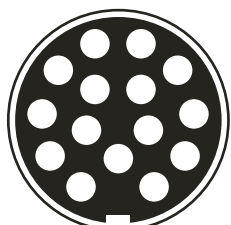
- Cable has brown signal wire

ACCESSORIES / Suzi Kit Cables



CA-SUZI-CAM-4

Tractor Socket for 4 Cameras



15 Pin



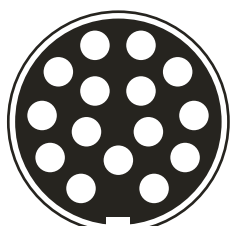
Female Lead x4



- 15 Pin connectors
- 4 x Female aviation leads
- 3 x Bare ended cables

CA-SUZI-MON-4

Trailer Socket for 4 Cameras



15 Pin



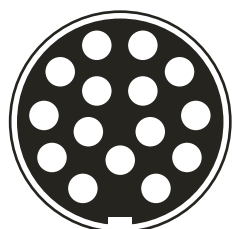
Male Lead x4



- 15 Pin connectors
- 4 x Male aviation leads
- 3 x Bare ended cables

CA-SUZI-COIL-15PIN

4 Metre 15 Core Electrical Coil



15 Core

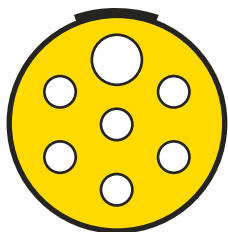


ACCESSORIES / Suzi Kit Cables



CAV-TRACTOR-1-V

Socket for Single Camera



7 Pin



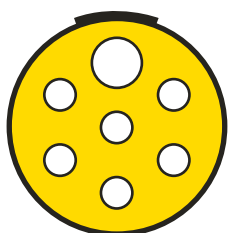
Female Lead x1



- Female 4 Pin

CAV-TRAILER-1-V

Socket for One Camera



7 Pin



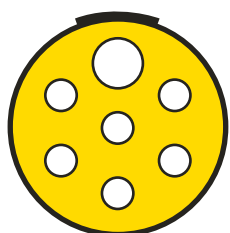
Male Lead x1



- Male 4 Pin

CAV20-40

Blue Coil



7 Core



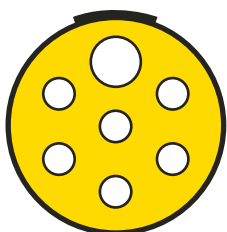
- Yellow 24N Connectors
- Compatible with blue label sockets
- 4 Metre 7 Core

ACCESSORIES / Suzi Kit Cables



CAV-TRACTOR-2-V

Socket for Two Cameras



7 Pin



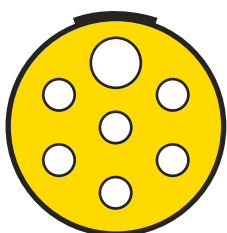
Female Lead x2



- Female 4 Pin x 2

CAV-TRAILER-2-V

Socket for Two Cameras



7 Pin



Male Lead x2



- Male 4 Pin x 2
- Custom versions can be manufactured

CAV20-20

Straight Mount for Sockets



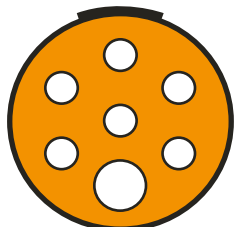
- Supplied with nuts & bolts

ACCESSORIES / Suzi Kit Cables



CAV-TRACTOR-1

Socket for Single Camera



7 Pin



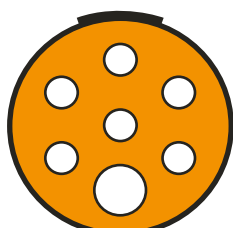
Female Lead x1



- Female 4 Pin

CAV-TRAILER-1

Socket for One Camera



7 Pin



Male Lead x1



- Male 4 Pin

CAV20-10

Right Angle Mount for Sockets



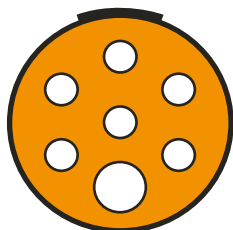
- Supplied with nuts and bolts

ACCESSORIES / Suzi Kit Cables



CAV-TRACTOR-2

Socket for Two Cameras



7 Pin

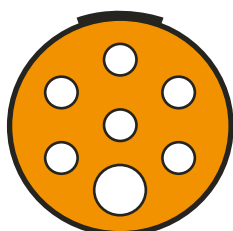


Female Lead x2



- Female 4 Pin x 2

CAV-TRAILER-2



7 Pin



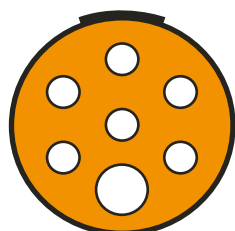
Male Lead x2



- Male 4 Pin x 2

CAV20-01

Orange with Inverted 24N Connectors



7 Core



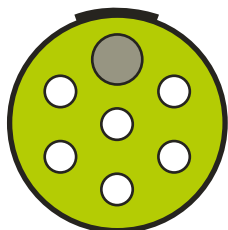
- Inverted large pin to avoid incorrect connection of camera system to other equipment
- Compatible with orange label sockets
- 4 Metre 7 Core

ACCESSORIES / Suzi Kit Cables



24S-Tractor-1

24S Tractor Suzi Socket One Camera, Two Fly Leads



7 Pin



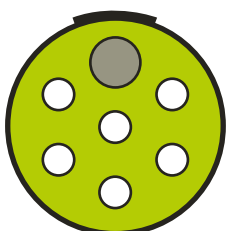
Female Lead x1



- 24S Socket
- Single camera connection
- 2 fly leads

24S-Trailer-1

24S Trailer Suzi Socket One Camera, Two Fly Leads



7 Pin



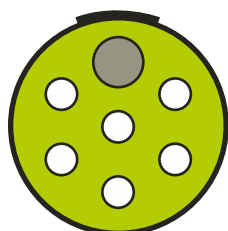
Male Lead x1



- 24S Socket
- Single camera connection
- 2 fly leads

CKO-7P-24S-3M

7 Pin 24S Suzi Loose Coil Cable 3M



7 Core



- 24S Connectors
- 3 Metre 7 Core

ACCESSORIES / Suzi Kit /Alcolocks



CAB-4PIN-12/24

24 Volt to 12 Volt Dropper



- 4 Pin aviation connection

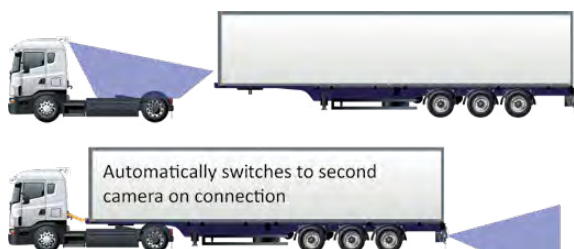
CA-SW-I-4PIN

4 Pin Intelligent Switcher



- Automatically Detects and
- Switches when Suzi Connected
- Compatible with D1, AHD & 1080p cameras
- 2 Camera input - 1 Video output
- 4 Pin aviation connection
- 12V DC - Dimensions: 111mm x 63mm x 31mm

CAMERA SYSTEM



- Automatically detects connection of second camera.
- Ideal for increasing artic safety with an additional camera on the rear of the tractor.
- Use with CKO suzi cables and connectors.
- Additional 4 Pin cables of various lengths available.

STICKER-SET1

- Selection of Vinyl Decals (CCTV, Angles Morts)



PV-3S-12-24V

- 24Vdc - 12Vdc Converter



CKO-SAF-ALCDS10

ALCOLOCK

The Alcolock® DS®-10 is a tethered alcohol breathalyser which is connected direct to a vehicle immobiliser. This unit is designed to prevent any driver from starting the vehicle while over the pre-set alcohol limit, by giving a simple breath sample.



CKO-SAF-ALCTAB

Autowatch TAB

The TAB verifies that the driver is under the legal alcohol limit, which will release the immobiliser allowing the vehicle to start. Drivers who are over the legal limit will be prevented from starting their vehicles by the unit remaining immobilised.



CATEGORY 10

Consumables



CONSUMABLES



FUSEHOLDER-FU8-A



» Standard Blade Fuse Holder White
Pack of 25

FUSEHOLDER-FU8-B-25



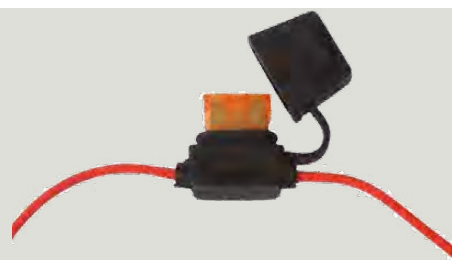
» Standard Blade Fuse Holder Black
Pack of 25

CKO-FU32



» Mini Blade Fuses
Pack of 25, 7.5A / 10.0A

FH-205/210



» Splash Proof Fuse
5 Amp / 10 Amp

K-69680



» Piggy Back Fuse Holder 7.5amp for Mini Blades Fuse

K-69681

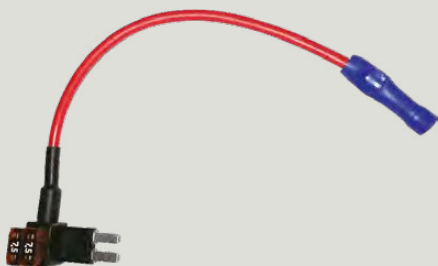


» Piggy Back Fuse Holder 10amp Standard Blade Fuse

Stan-



K-69682



» **Fuse Tap Small Micro2**
Mini Blade Fuse Holder

K-69666



» **Female Cigarette Socket Unfused**
1.5M

K-69671



» **Female Cigarette Sockets Fused**
5amp

K-69677



» **Female Cigarette Socket Unfused**
0.2M

CONDUIT-SCON1/1A/2/2A



» **Split Conduit**

- CONDUIT-SCON1 6.5mm – 10.0mm x 25M
- CONDUIT-SCON1A 6.5mm – 10mm x 50M
- CONDUIT-SCON2A 10.1mm – 13.0mm x 50M

CONSUMABLES



TL-SCTOPEN-LARGE



Split Convoluted Tubing Opener

- Small 6.5mm - 14.5mm
- Large 16.9mm - 23.1mm

LOCAA319-0.5



Loctite AA 319 0.5ml

Mirror Bonder

TAPE-T1-N



PVC Tape Pack of 8

19mm x 20M

TAPE-T29

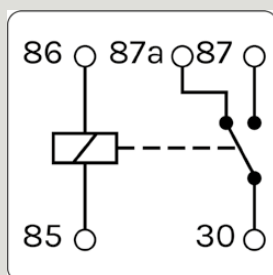


Woven Cloth Tape

19mm x 25M

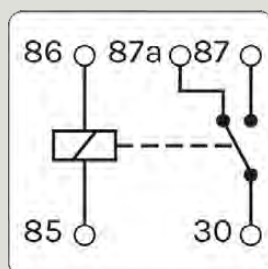


RY7



5 Pin 12 Volt 20/30A Changeover Relay

RY8



5 Pin 24 Volt 20/30A Changeover Relay

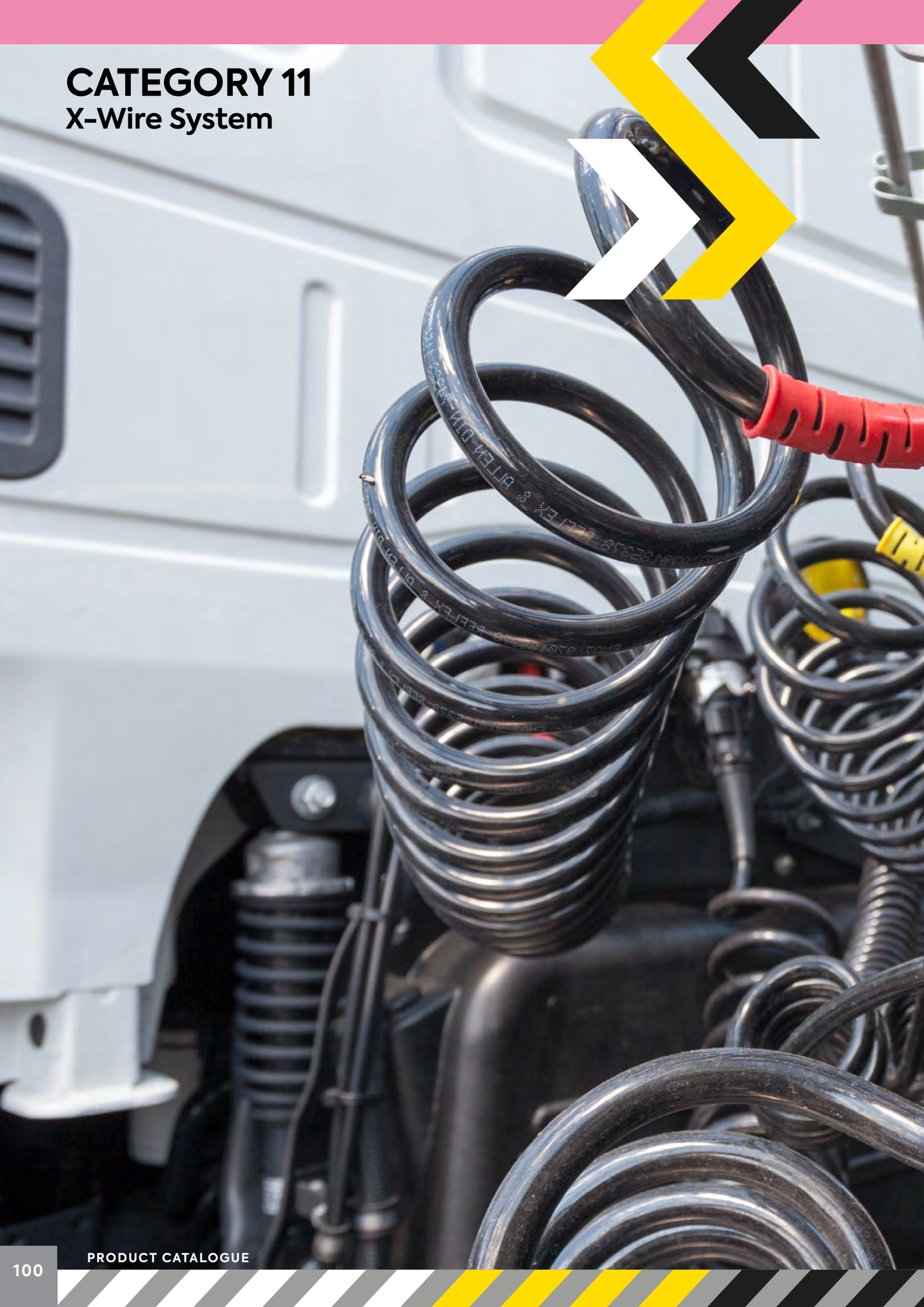
SW-ROC



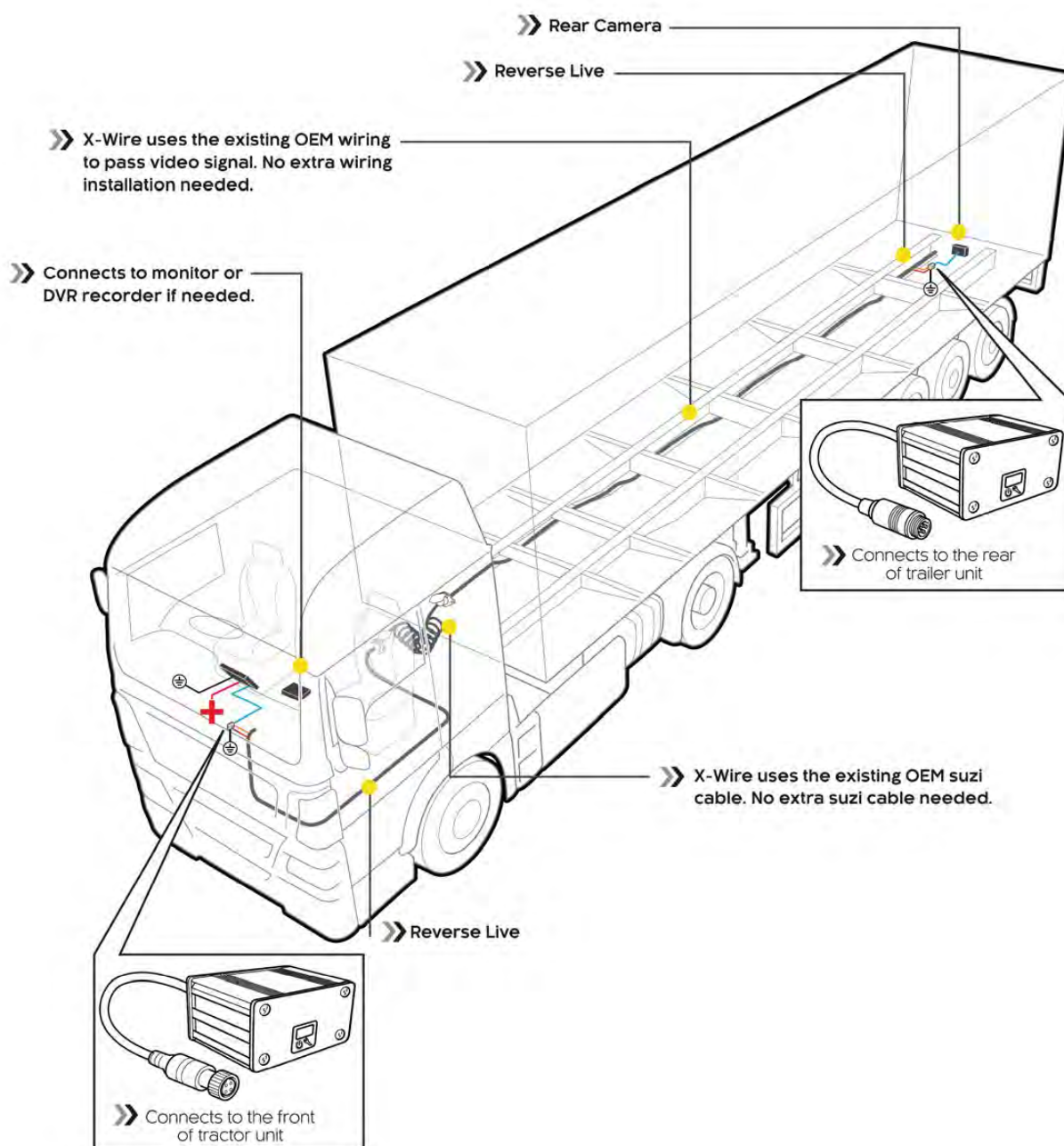
Rocker Switch - Standard

CATEGORY 11

X-Wire System



X-WIRE Tractor and Trailer Rear Camera Solution



CKO-X-WIRE



How it works

- X-Wire sends coded signals through the vehicle's wiring system.
- So, the camera feed is transmitted reliably without interference or physical pairing.
- Any tractor automatically connects to any trailer
- No pairing or manual setup required
- No driver interaction needed

X-Wire Features

- Powered by X-Wire Technology
- Automatic connection
- No pairing required
- No driver input required
- No need to run wires the length of the trailer
- No extra suzi cable
- Not subject to outside interference
- No additional parts required
- Average installation time: 1.5 hours
- Parts warranty: 3 years

CATEGORY 12

Cash Boxes



CASH BOXES



CASHBOX-F

4 Compartment Cash Box



- High Impact ABS with Mild Steel support
- Light weight yet very strong drivers cash box with 2 mild steel fixing points that will fit most standard hooks or can be utilised with our mounting plate
- 4 Compartments



CASHBOX-MOUNT



- Heavy duty drivers Cash Box mounting plate
- Easy fix mounting

CATEGORY 13

Lighting / Beacons



BEACONS / 8 LED



CKO-LED-211-1B-A

Amber Beacon 8 LED 1 Bolt



- Lens: Amber
- Fixing: 1 Bolt
- Approval: ECE R10 / R65
- Voltage: 9-30v
- IP Rating: IP67
- LEDs: 8
- Patterns: 4 Selectable Flash Patterns
- Dimensions: 110mm x 130mm
- Flash pattern programming via push button under lens
- Polycarbonate lens
- -30°to +60°operating temperature

CKO-LED-211-3B-A



Amber Beacon 8 LED 3 Bolt

- Fixing: 3 Bolt
- Dimensions: 104mm x 154mm

CKO-LED-211-FD-A



Amber Beacon 8 LED Flexi Din

- Fixing: Flexi Din
- Dimensions: 195mm x 130mm

CKO-LED-211-M-A



Amber Beacon 8 LED Magnetic Mount

- Fixing: Magnetic Mount
- Dimensions: 118mm x 154mm

CKO-LED-BRACKET1



Pole Mount Bracket for Flexi Din

- Made from Iron
- Dimensions 102 x 24mm
- Only used with flexi din stem products

BEACONS / 12 LED



CKO-LED-221-1B-A

Amber Beacon 12 LED 1 Bolt



- Lens: Amber
- Fixing: 1 Bolt
- Approval: ECE R10 / R65
- Voltage: 10-30v
- IP Rating: IP67
- LEDs: 12
- Patterns: 4 Selectable Flash Patterns
- Dimensions: 107mm x 119mm (67mm height exc. bolt)
- Flash pattern programming via push button under lens
- Polycarbonate lens
- -30°to +60°operating temperature

CKO-LED-221-3B-A

CKO-LED-221-FD-A



Amber Beacon 12 LED 3 Bolt

- Fixing: 3 Bolt
- Dimensions: 61mm x 145mm

Amber Beacon 12 LED Flexi Din

- Fixing: Flexi Din
- Dimensions: 152mm x 119mm

CKO-LED-221-M-A

CKO-LED-BRACKET1



Amber Beacon 12 LED Magnetic Mount

- Fixing: Magnetic Mount
- Dimensions: 90mm x 119mm

Pole Mount Bracket for Flexi Din

- Made from Iron
- Dimensions 102 x 24mm
- Only used with flexi din stem products

BEACONS / 16 LED



CKO-LED-210-1B-A

Amber Beacon 16 LED 1 Bolt



- Lens: Amber
- Fixing: 1 Bolt
- Approval: ECE R10 / R65
- Voltage: 9-30v
- IP Rating: IP67
- LEDs: 16
- Patterns: 4 Selectable Flash Patterns
- Dimensions: 150mm x 130mm
- Flash pattern programming via push button under lens
- Polycarbonate lens
- -30° to +60° operating temperature

CKO-LED-210-3B-A

CKO-LED-210-FD-A



Amber Beacon 16 LED 3 Bolt

Amber Beacon 16 LED Flexi Din

- Fixing: 3 Bolt
- Dimensions: 144mm x 154mm

- Fixing: Flexi Din
- Dimensions: 235mm x 130mm

CKO-LED-210-M-A

CKO-LED-BRACKET1



Amber Beacon 16 LED Magnetic Mount

Pole Mount Bracket for Flexi Din

- Fixing: Magnetic Mount
- Dimensions: 235mm x 130mm

- Made from Iron
- Dimensions 102 x 24mm
- Only used with flexi din stem products

BEACONS / 24 LED



CKO-LED-255-1B-A

Amber Beacon 24 LED 1 Bolt Airport Approved



- Lens: Amber
- Fixing: 1 Bolt
- Approval: ECE R10 / R65 / ICAO / CAP168
- Voltage: 9-30v
- IP Rating: IP67
- LEDs: 24
- Patterns: 7 Selectable Flash Patterns
- Dimensions: 81mm x 130mm
- Flash pattern programming via push button under lens
- Airport Approved
- Polycarbonate lens
- -30° to +60° operating temperature
- **Also available with a magnetic mount fixture (CKO-LED-255-M-A)**

CKO-LED-270-1B-A

CKO-LED-270-3B-A



Amber Beacon 24 LED 1 Bolt

- Fixing: 1 Bolt
- Dimensions: 122mm x 130mm (166mm height inc bolt)

Amber Beacon 24 LED 3 Bolt

- Fixing: 3 Bolt
- Dimensions: 122mm x 130mm

CKO-LED-270-FD-A

CKO-LED-270-M-A



Amber Beacon 24 LED Flexi Din

- Fixing: Flexi Din
- Dimensions: 213mm x 130mm

Amber Beacon 24 LED Magnetic Mount

- Fixing: Magnetic Mount
- Dimensions: 130mm x 130mm

BEACONS / 60 LED, AMBER



CKO-LED-209-1B-A

Amber Beacon 60 LED 1 Bolt



- Lens: Amber
- Fixing: 1 Bolt
- Approval: ECE R10
- Voltage: 12-24V
- IP Rating: IP66
- LEDs: 60
- Patterns: 3 Selectable Flash Patterns
- Dimensions: 175mm x 140mm
- Flash pattern programming via dip switches
- Life-span in excess of 10000 hours
- Tough and durable ABS base
- Polycarbonate lens
- -30° to +50° operating temperature

CKO-LED-209-3B-A



Amber Beacon 60 LED 3 Bolt

- Fixing: 3 Bolt
- Dimensions: 175mm x 140mm

CKO-LED-209-FD-A



Amber Beacon 60 LED Flexi Din

- Fixing: Flexi Din
- Dimensions: 175mm x 140mm

CKO-LED-209-M-A



Amber Beacon 60 LED Magnetic Mount

- Fixing: Magnetic Mount
- Dimensions: 171mm x 127mm

CKO-LED-BRACKET1



Pole Mount Bracket for Flexi Din

- Made from Iron
- Dimensions 102 x 24mm
- Only used with flexi din stem products

BEACONS / 60 LED, GREEN



CKO-LED-209-1B-G

Green Beacon 60 LED 1 Bolt



- Lens: Green
- Fixing: 1 Bolt
- Approval: ECE R10
- Voltage: 12-24V
- IP Rating: IP66
- LEDs: 60
- Patterns: 3 Selectable Flash Patterns
- Dimensions: 175mm x 140mm
- Flash pattern programming via dip switches
- Life-span in excess of 10000 hours
- Tough and durable ABS base
- Polycarbonate lens
- -30° to +50° operating temperature

CKO-LED-209-3B-G

CKO-LED-209-FD-G



Green Beacon 60 LED 3 Bolt

Green Beacon 60 LED Flexi Din

- Fixing: 3 Bolt
- Dimensions: 175mm x 140mm

- Fixing: Flexi Din
- Dimensions: 175mm x 140mm

CKO-LED-209-M-A

CKO-LED-BRACKET1



Green Beacon 60 LED Magnetic Mount

Pole Mount Bracket for Flexi Din

- Fixing: Magnetic Mount
- Dimensions: 171mm x 127mm

- Made from Iron
- Dimensions 102 x 24mm
- Only used with flexi din stem products

Lighting / Light Bars



LIGHT BARS / MINI LIGHT BARS



CKO-LED-116-1B-A

Amber 248mm Mini Light Bar - Single Bolt



- Light Colour: Amber
- Lens: Clear
- Fixing: Single Bolt (M12)
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 60
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 248mm x 171mm x 37mm (73mm inc. bolt)
- Ultra slim design
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights



CKO-LED-116-M-A

CKO-LED-114-M-A



Amber 248mm Mini Light Bar - Magnetic Mount

Amber 270mm Mini Light Bar - Magnetic Mount

- Fixing: Dual Magnetic Mount
- Dimensions: 248mm x 171mm x 37mm (55mm inc. magnet)

- Fixing: Dual Magnetic Mount
- Dimensions: 270mm x 160mm x 49mm (67mm inc. magnet)



CKO-LED-114-1B-A

Amber 270mm Mini Light Bar - Single Bolt



- Light Colour: Amber
- Lens: Clear
- Fixing: Single Bolt (M12)
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 60
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 270mm x 160mm x 49mm (85mm inc. bolt)
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

LIGHT BARS / MINI LIGHT BARS



CKO-LED-112-1B-A

Amber 310mm Mini Light Bar - Single Bolt



- Light Colour: Amber
- Lens: Clear
- Fixing: Single Bolt
- Approval: ECE R10/R65 Approved
- Voltage: 9-30v
- IP Rating: IP65
- LEDs: 72
- Patterns: 8 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 310mm x 159mm x 75mm
- Life-span in excess of 10000 hours
- Tough and durable ABS base, polycarbonate lens
- -30° to +50° operating temperature
- 300mm Cable length
- Synchronisation wire for multiple lights
- Includes wired switch and flash pattern controller for optional in cab light control

CKO-LED-112-M-A

CKO-LED-117-M-A



Amber 310mm Mini Light Bar - Magnetic Mount

- Fixing: Dual Magnetic Mount
- Dimensions: 310mm x 159mm x 75mm



Amber 363mm Mini Light Bar - Magnetic Mount

- Fixing: Dual Magnetic Mount
- Dimensions: 363mm x 171mm x 37mm (59mm inc. magnet)

CKO-LED-117-1B-A

Amber 363mm Mini Light Bar - Single Bolt



- Light Colour: Amber
- Lens: Clear
- Fixing: Single Bolt (M12)
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 72
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 363mm x 171mm x 37mm (73mm inc. bolt)
- Ultra slim design
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

LIGHT BARS / MINI LIGHT BARS



CKO-LED-117-2B-A

Amber 363mm Mini Light Bar - Dual Bolt



- Light Colour: Amber
- Lens: Clear
- Fixing: Dual Bolt (M12)
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 72
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 363mm x 171mm x 37mm (73mm inc. bolt)
- Ultra slim design
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

CKO-LED-156-B-A

Amber 585mm Mini Light Bar - Bolt Fixing



- Light Colour: Amber
- Lens: Clear
- Fixing: Bracket
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 200
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 585mm x 295mm x 53mm (100mm inc. brackets)
- 4 Bolt Bracket for secure fitment
- Reverse polarity protection
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

CKO-LED-138-1B-A

Amber/Black 248mm Mini Light Bar - Single Bolt



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Single Bolt (M12)
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 60
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 248mm x 171mm x 37mm (73mm inc. bolt)
- Ultra slim design
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

LIGHT BARS / MINI LIGHT BARS



CKO-LED-138-M-A



Amber/Black 248mm Mini Light Bar - Magnetic Mount

- Fixing: Dual Magnetic Mount
- Dimensions: 248mm x 171mm x 37mm (55mm inc. magnet)

CKO-LED-139-M-A



Amber/Black 363mm Mini Light Bar - Magnetic Mount

- Fixing: Dual Magnetic Mount
- Dimensions: 363mm x 171mm x 37mm (59mm inc. magnet)

CKO-LED-139-1B-A



Amber/Black 363mm Mini Light Bar - Single Bolt

- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Single Bolt (M12)
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 72
- Patterns: 26 Selectable Flash Patterns
- Additional: Cable with switch included with bolt fixings
- Dimensions: 363mm x 171mm x 37mm (73mm inc. bolt)
- Ultra slim design
- Reverse polarity protection
- Integrated lens design to base provides excellent optical effect
- -30° to +60° operating temperature
- Synchronisation wire for multiple lights

CKO-LED-BRACKET0

Mini Light Bar Bracket



- Bracket kit to fit Mini Light Bars
- Made from galvanised steel
- Kit comes with foam pads and bolts
- Dimensions 240 x 100 x 100mm
- Lifts the product off the roof of the vehicle by 100mm and used in conjunction with a low profile LED mini bar to increase visibility

LIGHT BARS / STANDARD LIGHT BARS



CKO-LED-711-B-A

Amber Light Bar 600mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 108
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 600mm x 100mm x 45mm
- Tough polycarbonate lens with UV resistance
- Aluminium base
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature
- **Also available with a magnetic mount fixture (CKO-LED-711-M-A)**



CKO-LED-772-B-A

Amber Light Bar 900mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 156
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 900mm x 100mm x 45mm
- Tough polycarbonate lens with UV resistance
- Aluminium base
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature



CKO-LED-773-B-A

Amber Light Bar 1200mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 204
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 1200mm x 100mm x 45mm
- Tough polycarbonate lens with UV resistance
- Aluminium base
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

LIGHT BARS / STANDARD LIGHT BARS



CKO-LED-775-B-A

Amber Light Bar 1500mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear
- Fixing: Bolt Bracket
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 252
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 1500mm x 100mm x 45mm
- Tough polycarbonate lens with UV resistance
- Aluminium base
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-781-B-A

Amber Light Bar with Black Lid 600mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Bolt Bracket
- Approval: ECE R10/R65 Approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 164
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 600mm x 215mm x 44mm
- Built in traffic controller
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-782-B-A

Amber Light Bar with Black Lid 900mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Bolt Bracket
- Approval: ECE R10/R65 approved
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 224
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 900mm x 215mm x 44mm
- Built in traffic controller
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

LIGHT BARS / STANDARD LIGHT BARS



CKO-LED-783-B-A

Amber Light Bar with Black Lid 1200mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 284
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 1200mm x 215mm x 44mm
- Built in traffic controller
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-785-B-A

Amber Light Bar with Black Lid 1500mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 344
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 1500mm x 215mm x 44mm
- Built in traffic controller
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-786-B-A

Amber Light Bar with Black Lid 1800mm Bolt Mounted



- Light Colour: Amber
- Lens: Clear with Black Lid
- Fixing: Bolt Bracket
- Approval: ECE R10/R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 404
- Patterns: 27 Selectable Flash Patterns
- Additional: Cable with switch included
- Dimensions: 1800mm x 215mm x 44mm
- Built in traffic controller
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Clear Lens
- -30°C to +60°C operating temperature



STROBES / STROBE LIGHTS



CKO-LED-3H707-A

Amber Strobe 3 LED Ultra Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-3H707-B), Red (CKO-LED-3H707-R) and White (CKO-LED-3H707-W)**
- Fixing: Bolt / Self Adhesive
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 3
- Patterns: 26 Selectable Flash
- Dimensions: 82mm x 31mm x 6.6mm
- Tough polycarbonate lens with UV resistance
- Aluminium base with heat dissipation
- Reverse polarity protection
- Synchronise up to 15 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-3H709-A

Amber Strobe 3 LED Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-3H709-B), Red (CKO-LED-3H709-R) and White (CKO-LED-3H709-W)**
- Fixing: Bolt
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 3
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 77mm x 29mm x 10mm
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-4H707-A

Amber Strobe 4 LED Ultra Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-4H707-B), Red (CKO-LED-4H707-R) and White (CKO-LED-4H707-W)**
- Fixing: Bolt / Self Adhesive
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 4
- Patterns: 26 Selectable Flash Patterns
- Dimensions: 92mm x 31mm x 6.6mm
- Tough polycarbonate lens with UV resistance
- Aluminium base with heat dissipation
- Reverse polarity protection
- Synchronise up to 15 strobes
- Clear Lens
- -30°C to +60°C operating temperature

STROBES / STROBE LIGHTS



CKO-LED-4H709-A

Amber Strobe 4 LED Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-4H709-B), Red (CKO-LED-4H709-R) and White (CKO-LED-4H709-W)**
- Fixing: Bolt
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 4
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 95mm x 29mm x 10mm
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-6H707-A

Amber Strobe 6 LED Ultra Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-6H707-B), Red (CKO-LED-6H707-R) and White (CKO-LED-6H707-W)**
- Fixing: Bolt / Self Adhesive
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 6
- Patterns: 26 Selectable Flash Patterns
- Dimensions: 131mm x 31mm x 6.6mm
- Tough polycarbonate lens with UV resistance
- Aluminium base with heat dissipation
- Reverse polarity protection
- Synchronise up to 15 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-6H709-A

Amber Strobe 6 LED Slim



- Colour: Amber
- **Also available in the colours Blue (CKO-LED-6H709-B), Red (CKO-LED-6H709-R) and White (CKO-LED-6H709-W)**
- Fixing: Bolt
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 6
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 113mm x 29mm x 10mm
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

STROBES / STROBE LIGHTS



CKO-LED-6H706-A-DI

Amber Strobe with Amber Directional Indicator



- Colour: Amber with Amber outer
- Fixing: Bolt
- Approval: ECE R10 / R65 / R148
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 6 Amber Warning / 18 Outer
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 132mm x 51mm x 19mm Patterns
- Dual function as a directional indicator light and a warning light
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-6H706-A-RV

Amber Strobe with White for Reverse



- Colour: Amber with White outer
- Fixing: Bolt
- Approval: ECE R10 / R65 / R148
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 6 Amber Warning / 18 Outer
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 132mm x 51mm x 19mm
- Dual function as a reverse light and a warning light
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-6H706-A-ST

Amber Strobe with Red Tail Light



- Colour: Amber with Red outer
- Fixing: Bolt
- Approval: ECE R10 / R65 / R148
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 6 Amber Warning / 18 Outer
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 132mm x 51mm x 19mm
- Dual function as a tail light and a warning light
- Tough polycarbonate lens with UV resistance
- Die-cast Aluminium base with heat dissipation
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

STROBES / STROBE LIGHTS



CKO-LED-BRACKET7



Strobe Light Bracket 115mm

- Made from iron
- Dimensions 115 x 63 x 20mm
- Mounting plate for all 4 LED strobe

CKO-LED-BRACKET8



Strobe Light Bracket 142mm

- Made from iron
- Dimensions 142 x 63 x 20mm
- Mounting plate for all 6 LED / 12 LED strobe models

CKO-LED-704-A

Amber Curved Strobe 12 LED



- Colour: Amber
- Fixing: Bolt or Bracket
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 12
- Patterns: 26 Selectable Flash Patterns
- Dimensions: 170mm x 80mm x 30mm
- Tough polycarbonate lens with UV resistance
- Aluminium base with heat dissipation
- Reverse polarity protection
- Synchronise up to 15 strobes
- Clear Lens
- -30°C to +60°C operating temperature

CKO-LED-708-A

Amber Strobe 6 LED Ultra slim



- Colour: Amber
- Fixing: Bolt or Bracket
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 12
- Additional: Bracket included
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 108mm x 34mm x 27mm
- Tough polycarbonate lens with UV resistance
- Foam gasket
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- -30°C to +60°C operating temperature

STROBES / STROBE LIGHTS



CKO-LED-301-A

Hideaway Stem Strobe 2 LED



- Colour: Amber
- Fixing: Bolt or Self Adhesive
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 2
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 32mm x 26mm

CKO-LED-308-A

Amber Octagon Strobe 4 LED



- Colour: Amber
- Fixing: Bolt or Bracket
- Approval: ECE R10 / R65
- Voltage: 12-24V
- IP Rating: IP69K
- LEDs: 4
- Additional: Bracket included
- Patterns: 21 Selectable Flash Patterns
- Dimensions: 27mm x 27mm x 39mm (24mm Diameter)
- Tough polycarbonate lens with UV resistance
- Reverse polarity protection
- Synchronise up to 14 strobes
- Clear Lens
- Includes mounting bracket
- -30°C to +60°C operating temperature

CKO-LED-500-A

Amber Octagon Strobe 5 LED



- Colour: Amber
- Also available in the colours Blue (CKO-LED-500-B), Red (CKO-LED-500-R), White (CKO-LED-500-W) and Amber/Red Dual (CKO-LED-500-AR)
- Fixing: Bolt or Surface Mount
- Approval: ECE R10 / R65
- Voltage: 10-30V
- IP Rating: IP67
- LEDs: 5
- Patterns: 10 Selectable Flash Patterns
- Dimensions: 60mm x 60mm x 7mm
- Slim Light Head
- Clear Lens
- Aluminium Base
- Polycarbonate Lens
- Synchronisation / alternative synchronisation supported

STROBES / MARKER LIGHTS



CKO-LED-848-A-AMP

Amber Side Marker Reflector Lamp with AMP



- Light Colour: Amber
- Lens: Amber
- Fixing: Bracket
- Approval: ECE R10/R3/R91
- Voltage: 12-24V
- IP Rating: IP65
- LEDs: 3
- Additional: AMP connector
- Dimensions: 100mm x 45mm x 15mm
- Oval style reflector / lamp
- Includes mounting bracket
- ABS Housing
- PMMA Lens

CKO-LED-849-A

Amber Side Marker Lamp with Reflex Reflector



- Light Colour: Amber
- Lens: Amber
- Fixing: Bracket
- Approval: ECE R10/R3/R91
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 6
- Dimensions: 115mm x 70mm x 41mm
- Includes mounting bracket
- Zinc Housing
- Polycarbonate Lens
- **With AMP version also available (CKO-LED-849-A-AMP)**

CKO-LED-853

5 Function Tail Light with Progressive Indicator



- Light Colour: Multiple
- Lens: Clear
- Fixing: Surface
- Approval: ECE R10/R3/R6/R7/R23/R38
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 68
- Dimensions: 284mm x 100mm x 35mm
- Multi Function Tail Light with reflector
- Stop, Tail, Turn, Reverse and Fog light all in one
- ABS / Polycarbonate Housing
- Polycarbonate Lens

Lighting / Work Lights



WORK LIGHTS / WHITE SCENE LIGHT



CKO-LED-SL2800W-A

White Scene Light with Amber Marker



- Colour: White with Amber Marker
- Lumens: 2800
- Beam Pattern: Flood
- Approval: ECE R10 / R148
- Fixing: Screw fix surface mount
- Voltage: 10-30V
- IP Rating: IP69K
- LEDs: 4
- Dimensions: 200mm x 57.4mm x 47mm
- Aluminium housing
- Polycarbonate lens
- **Also available with a R65 approved Amber Marker (CKO-LED-SL2800W-R65)**

CKO-LED-SL2800W-R

CKO-LED-SL2800W-W



White Scene Light with Red Marker

- Colour: White with Red Marker

White Scene Light with White Marker

- Colour: White with White Marker

CKO-LED-SL2800W

CKO-LED-SL2800-HOUSING



White Scene Light

- Colour: White

Scene Light Housing

WORK LIGHTS



CKO-LED-WL604-S

Square Work Lamp 4 LED Spot



- Colour: White
- Lumens: 1080
- Beam Pattern: Spot
- Approval: ECE R10
- Fixing: Bolt Bracket
- Voltage: 12-80V
- IP Rating: IP67
- LEDs: 4
- Dimensions: 73mm x 110mm x 42mm
- Aluminium housing
- PMMA lens

CKO-LED-WL602-F

Square Work Lamp 9 LED Flood



- Colour: White
- Lumens: 1400
- Beam Pattern: Flood
- Approval: ECE R10
- Fixing: Bolt Bracket
- Voltage: 12-80V
- IP Rating: IP67
- LEDs: 9
- Dimensions: 108mm x 125mm x 45mm
- Aluminium housing
- PMMA lens

CKO-LED-WL-615-F

Square Work Lamp 25 LED Flood



- Colour: White
- Lumens: 5625
- Beam Pattern: Flood
- Approval: ECE R10
- Fixing: Bolt Bracket
- Voltage: 12-36V
- IP Rating: IP67
- LEDs: 25
- Dimensions: 135mm x 108mm x 55mm
- Aluminium housing
- Polycarbonate lens

WORK LIGHTS



CKO-LED-WL601-S

Rectangular Work Lamp 6 LED Spot



- Colour: White
- Lumens: 1260
- Beam Pattern: Spot
- Approval: ECE R10
- Fixing: Bolt
- Voltage: 12-80V
- IP Rating: IP67
- LEDs: 6
- Dimensions: 160mm x 47mm x 56mm
- Aluminium housing
- Polycarbonate lens

CKO-LED-WL605-F

Circular Work Lamp 9 LED Flood



- Colour: White
- Lumens: 1400
- Beam Pattern: Flood
- Approval: ECE R10
- Fixing: Bolt Bracket
- Voltage: 12-80V
- IP Rating: IP67
- LEDs: 9
- Dimensions: 115mm x 126mm x 50mm
- Aluminium housing
- PMMA lens

CKO-LED-WL606-F

Circular Work Lamp 9 LED Flood with Magnetic Base



- Colour: White
- Lumens: 1400
- Beam Pattern: Flood
- Approval: ECE R10
- Fixing: Magnetic Base
- Voltage: 12-80V
- IP Rating: IP67
- LEDs: 9
- Dimensions: 115mm x 126mm x 50mm
- Aluminium housing
- PMMA lens
- Cigarette adaptor plug
- Removable handle



INTERIOR LIGHTING



CKO-LED-INT300-PIR-12V

Interior Light 300mm 30 LED with PIR 12V



- Colour: White 6000K
- Lumens: 400
- Fixing: Mounting Clip x 2
- Voltage: 12V
- IP Rating: IP65
- LEDs: 30
- Dimensions: 300mm
- Frosted diffuser lens
- PIR Sensor to detect motion and turn on light
- Aluminium Housing

CKO-LED-INT500-PIR-12V

Interior Light 500mm 54 LED with PIR 12V



- Colour: White 6000K
- Lumens: 800
- Fixing: Mounting Clip x 2
- Voltage: 12V
- IP Rating: IP65
- LEDs: 54
- Dimensions: 500mm
- Frosted diffuser lens
- PIR Sensor to detect motion and turn on light
- Aluminium Housing

CKO-LED-INT1000-PIR-12V

Interior Light 1000mm 114 LED with PIR 12V



- Colour: White 6000K
- Lumens: 1600
- Fixing: Mounting Clip x 2
- Voltage: 12V
- IP Rating: IP65
- LEDs: 114
- Dimensions: 1000mm
- Frosted diffuser lens
- PIR Sensor to detect motion and turn on light
- Aluminium Housing

INTERIOR LIGHTING



CKO-LED-INT1000-PIR-24V



Interior Light 1000mm 114 LED with PIR 24V

- Voltage: 24V

CKO-LED-INT130-PIR



Interior Light Round 130mm 87 LED with PIR

- PIR Sensor to detect motion and turn on light

CKO-LED-INT130-DV

Interior Light Round 130mm 87 LED



- Colour: White 5700-6500K
- Lumens: 1200
- Fixing: Surface
- Voltage: 10-30V
- IP Rating: IP67
- LEDs: 87
- Dimensions: 130mm x 12mm
- White polymer housing with frosted lens

CKO-LED-INT173-DV

Interior Light 173mm 22 LED



- Colour: White 5700-6500K
- Lumens: 308
- Fixing: Surface
- Voltage: 10-30V
- IP Rating: IP67
- LEDs: 22
- Dimensions: 173mm x 57mm x 14.5mm
- White polymer housing with frosted lens

INTERIOR LIGHTING



CKO-LED-INT173-PIR



Interior Light 173mm 22 LED with PIR

- PIR Sensor to detect motion and turn on light

CKO-LED-INT173-S



Interior Light 173mm 22 LED with Switch

- Touch switch next to lens

CKO-LED-INT300-DV

Interior Light 300mm 54 LED



- Colour: White 5700-6500K
- Lumens: 756
- Fixing: Surface
- Voltage: 10-30V
- IP Rating: IP67
- LEDs: 54
- Dimensions: 300mm x 57mm x 14.5mm
- White polymer housing with frosted lens

CKO-LED-INT300-PIR



Interior Light 300mm 54 LED with PIR

- PIR Sensor to detect motion and turn on light

CKO-LED-INT300-S



Interior Light 300mm 54 LED with Switch

- Touch switch next to lens

INTERIOR LIGHTING



CKO-LED-INT600-DV

Interior Light 600mm 130 LED



- Colour: White 5700-6500K
- Lumens: 1820
- Fixing: Surface
- Voltage: 10-30V
- IP Rating: IP67
- LEDs: 130
- Dimensions: 600mm x 57mm x 14.5mm
- White polymer housing with frosted lens



CKO-LED-INT600-PIR

CKO-LED-INT600-S



Interior Light 600mm 130 LED with PIR

- PIR Sensor to detect motion and turn on light

Interior Light 600mm 130 LED with Switch

- Touch switch next to lens



CKO-LED-INT310-DV

Interior Light 300mm 18 LED



- Colour: White 6000K
- Lumens: 360
- Fixing: Surface
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 18
- Dimensions: 300mm
- Aluminium Housing
- Silicone Seal

INTERIOR LIGHTING



CKO-LED-INT510-DV

Interior Light 522mm 30 LED



- Colour: White 6000K
- Lumens: 600
- Fixing: Surface
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 30
- Dimensions: 522mm
- Aluminium Housing
- Silicone Seal

CKO-LED-INT1000-DV

Interior Light 1000mm 60 LED



- Colour: White 6000K
- Lumens: 1000
- Fixing: Surface
- Voltage: 12-24V
- IP Rating: IP67
- LEDs: 60
- Dimensions: 1000mm
- Aluminium Housing
- Silicone Seal

WARNING LIGHTING

CKO-CWL1 Cycle Warning Light



- Voltage: 10-30V DC
- Dimensions: 160mm x 160mm
- IP Rate: 68
- Max. Operation Temperature: +60°C
- Housing: Black PC
- LED Chips: 33pcs amber, 33pcs red
- Watt: 0.3W/LED
- Cable: PVC
- Wire Length: 150cm
- Colour: White and Amber
- Light sensor to increase brightness in day light



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CATEGORY 14

Mission Critical MCX / R5





CKO-R5-UI570

R5 5.7" User Interface Panel

- 5.7 inch multi touch screen usable with clinical gloves.
- Bright sunlight readable display.
- Dedicated buttons for PTT, emergency, volume, etc.
- Programmable hot keys usable with heavy gloves, eg. Lights, Siren, Talk Group Select, Status Messages, D2D, ANPR, etc.
- 1.8mm Gorilla glass; rugged, built for harsh environments.
- IP67 for use inside or outside of vehicle.
- Versatile AMPS mounting.



CKO-R5-UI70

R5 7" User Interface Panel

- 7 inch multi touch screen usable with clinical gloves.
- Bright sunlight readable display.
- Dedicated buttons for PTT, emergency, volume, etc.
- Programmable hot keys usable with heavy gloves, eg. Lights, Siren, Talk Group Select, Status Messages, D2D, ANPR, etc.
- 1.8mm Gorilla glass; rugged, built for harsh environments.
- IP67 for use inside or outside of vehicle.
- Versatile AMPS mounting.



CKO-R5-CU

R5 Core Unit

- R5 Core Unit
- Android 10 processor with full GSM certification.
- Full ESN MCPTT support with configurable Kodiak integration.
- 4G / LTE support with dual high quality antenna interfaces.
- Location via GPS, Galileo, BeiDou & GLONASS.
- Dual R5 UI Panel interfaces with support for multiple UI panel sizes.
- In Vehicle high speed Wi-Fi hot spot with dual Wifi antennas.
- Bluetooth 5.0 support for audio accessories and other devices.
- Standard voice calling with VoLTE support.
- Direct Mode (Device to Device) Airwave Integration.
- Dual Ethernet interfaces for tethering in-vehicle tablets, ANPR or other systems.
- CAN interface available for user applications.
- RS232 interface available for user applications.
- USB 3.0 & Dual USB 2.0 interfaces available for the user.
- Eight Digital Inputs and Outputs available for the user.
- 160mm x 200mm x 50mm





CKO-R5-MIC

R5 Handsfree Microphone



- Mounts directly on a surface such as vehicle headlining.
- Directional microphone with noise cancelling.
- Electret mic with built in amplifier.
- Small discrete design.
- Thin flexible cable for easy install.
- Plug and play over moulded connector.



Overmoulded
2 Pin Molex
Connection



CKO-R5-PTT-BUTTON

R5 PTT Button



- Robust PTT Button with long life switch.
- Mounts in a circular panel cutout.
- Capable of discreet installation.
- Plug and play with R5 ecosystem.



CKO-R5-HSET

R5 Telephone Handset with PTT



- Wired handset with excellent audio quality for private conversations.
- Large PTT button on underside, suitable for left or right handed users.
- Noise compensating microphone.
- Elegant slimline design, ideal for installation in limited space.
- Mounting cradle with automatic wear free on/ off hook detection.





CKO-R5-HSET-PTT

R5 PTT Handset with Screen



- Wired handset with excellent audio quality for private conversations.
- Large PTT button on underside, suitable for left or right handed users.
- Noise compensating microphone.
- Elegant slimline design, ideal for installation in limited space.
- Mounting cradle with automatic wear free on/off hook detection.



CKO-R5-10W-SPEAKER

R5 10 W Speaker



- High power (10 Watt) loud speaker with low distortion.
- Rugged plastic housing.
- Frequency range optimised for radio communication.
- Metal retaining bracket allowing adjustable orientation.
- Plug and play over moulded connectors.



CKO-R5-FIST

ML50 Fistmic



- Rugged, solid design with excellent audio quality.
- Waterproof IP67 rating.
- Integrated microphone and speaker.
- PTT and emergency buttons.
- Local volume control toggle with high / low settings and LED indicator.
- Long spiral cable with anti garrot features.
- Headphone jack (3.5mm jack with thread).
- Easy to use and robust mounting system.



CATEGORY 15

Docking & Mounts/ Zirkona



CKO-MNT-RMP

Round Mounting Plate

- This solution is available in a small, medium or large round mounting plate and can be fitted to either a suction cup or Vesa base.



CKO-MNT-UMP

Angled Mounting Plate

- The angled mounting plate solution allows you to fix to vertical surfaces, ensuring your device is mounted at a 90 degree angle.



CKO-MNT-DMP

Diamond Mounting Plate

- The Diamond mounting plate solution is available in a small, medium and large diamond mounting plate and can be fitted to either a suction cup and Vesa base.



CKO-MNT-MMP

Vesa Mounting Plate

- The Vesa mounting plate is the perfect solution for mounting tablets in your fleet vehicles. Available in small, medium and large solutions.



CKO-MNT-ZK-601085

Joiner Sleeve Mount



CKO-MNT-ZK-601080

Joiner Sleeve Mount



CKO-MNT-ZK-601051

Joiner Sleeve



CKO-MNT-ZK-208000

Joiner Chair Rail Mount



CKO-MNT-ZK-601070

Joiner M20 Adapter



CKO-MNT-ZK-601059

Joiner Telescopic Arm





CKO-MNT-ZK-401690

Zirkona Zione

- Mounted on the window with suction cup. Flexible telescopic arm. A convenient solution for those who want their notebook / PC on the go. Easily removed and can be moved between cars. Fits 8-13".



CKO-MNT-ZK-401719

Zirkona Robust

- Computer Stand for tough conditions. Complemented by appropriate computer or screen bracket. It is possible to increase the working height with extension tubes.



CKO-MNT-ZK-701010

Zirkona in Dash

- Stand for mounting through dash board in trucks. Is supplemented with appropriate computer or screen bracket.



CKO-MNT-ZK-702110

Zirkona Shelf

- Stand for mounting on centre truck console. Stabilizer included. Supplemented with appropriate computer or screen bracket.



CKO-MNT-ZK-402210

Zirkona Telescopic Stand

- Telescopic function with ball joints makes it possible to lower the stand to the floor when not in use. Computer Bracket Hold Large 280-400mm included.



CKO-MNT-ZK-702001

Zirkona DIN excl.box

- Stand for mounting in DIN compartment in trucks. Screen bracket VESA 75 included.



CKO-MNT-ZK-402515

Zirkona Seat Holder

- Stand for mounting on passenger Fits most vehicles. Is supplemented with appropriate ball joint and computer or screen bracket.



CKO-MNT-ZK-501100

Zirkona Bracket Hold

- The computer is stabilised from the sides by the use of a crank. Adjustable side brackets for access of power cable and USB etc.



CKO-MNT-ZK-402210

Zirkona Backwall Teleskop

- Laptop stand with telescopic function for mounting on the back wall in commercial vehicles. You fold down the computer when you use it and fold it away when driving. The arm is locked in upright position.



CKO-MNT-ZK-402410

Zirkona Hook

- Laptop holder that is hung on the steering wheel. A quick and easy way to create a ergonomic workplace in your vehicle. Can be folded to fit a standard laptop bag.



CKO-MNT-RM-101

1.5" Ball Mount/round base

- Consists of a double socket arm, two 2.5" diameter round bases. The mount is 7.35" tall at maximum extension and is collapsible.



CKO-MNT-UMP

1" Ball Mount with round base

- Consists of a double socket arm, two 2.5" diameter round bases. Rubber 1" ball and socket technology dampens shock and vibration.



CKO-MNT-RM-B166-202

Twist Lock Suction Mount

- The RAM twist lock suction cup mount consists of a 3.25" suction cup locking base with a 1" ball attached.



CKO-MNT-RM-316-HDR202

RHD Universal No-drill

- Ideal mounting solution for fleet and service vehicle fleets with a varying range of vehicles. Stands up to the demands of field applications.



CKO-MNT-RM-B166-202

Heavy Duty Vehicle Mount

- This mount consists of a velocity ratchet base, 18" solid pole with 1.5" ball, a standard arm and VESA 75mm adapter plate.



CKO-MNT-RM-VB196-1SW1

RHD Laptop Mount

- This mount uses the RAM Tele-pole system with a swing arm and a RAM laptop holder, which is capable of safely holding laptops up to a 17" screen size.



CKO-MNT-RM-B104-224

Ratchet & Pivot Mount

- This is a composite, ratchet/pivot, suction cup mount with a low profile, light weight and secure suction cup mount that is perfect for securing electronic devices in your mobile environment.



CKO-MNT-RM-VB196-1SW1

Twist Lock Suction Cup

- The 3.25" Rubber suction cup is designed to have an extra strong hold on any smooth non-porous surface.



Docking/ HAVIS



CKO-CRD-DOCK-PAN-CF33

For Panasonic CF33 Tablet

- Specific Docking station
- VESA fitment options
- Dual pass through antenna support
- 15.6V DC connectivity
- Panasonic certified
- Size: H300 x W327 x D88.9mm
- Weight: 1.4Kg
- 3 year warranty



CKO-KEY-HAVIS

Havis Automotive Keyboard

- Rugged key board
- Patient pending automotive fitment
- Backlit keys
- USB connection
- IP65 rated
- Mouse touch pad



CKO-CRD-DOCK-PANFZG1

For Panasonic FZG1

- Product specific dock
- VESA mounting option
- 16V Input
- Size: H255 x W289 x D11.1mm
- Ethernet LAN
- VGA Port
- USB 3.0
- Weight: 1.9Kg



CKO-CRD-DOCK-GETACZX70

Getac ZX70

- Product specific dock
- VESA mount fixing
- 12V input
- Size H221 x W234 x D74mm
- Ethernet LAN
- HDMI port
- USB 2.0
- Weight: 0.68Kg



CKO-CRD-DOCK-UNI

Universal Tablet Holder

- Universal cradle for 7" to 9" devices
- Thermoplastic ABS
- VESA mount fixing
- Size: H198 x W267 x D61mm
- Lock
- Weight: 0.9Kg



CKO-CRD-DOCK-UNI-LAPTOP

Panasonic CF33 Tablet

- Universal cradle for 11" to 14" devices
- VESA mount fixing
- Thermoplastic ABS
- Fibre reinforced Legs
- Size: H287 x W342 x D54mm
- Lock
- Weight: 2.4Kg



CKO-CRD-DOCK-TAB-APP1

CKO-CRD-DOCK-TAB-SAM1 CKO-CRD-DOCK-TAB-SAM3



Tablet Docking Station

- Specific tablet docking station
- VESA fitment options
- Dual USB port for charge and data
- 15.6V DC connectivity
- Full access to camera and control buttons
- Device cases available

Supports

- Apple iPad Pro 10.5" (Gen I)
- Samsung Galaxy S3
- Samsung Active 2



CKO-CRD-DOCK-ZEB-ET50

CKO-CRD-DOCK-PAN-TBK

For Zebra ET50

- Specific Docking station
- VESA fitment option
- USB 3.0
- HDMI 19pin output
- RS232 serial port
- Ethernet RJ45
- Port replication
- Size: H254 x W254 x D85mm
- Weight: 1.2Kg
- 3 year warranty



For Panasonic TBK

- Specific Docking station
- VESA fitment options
- Ethernet RJ45
- VGA - Dsub
- 15.6V DC connectivity
- Size: H89 x W342 x D301mm
- Weight: 2.5Kg
- 3 year warranty



CKO-CRD-DOCK-DELL-LAT12

CKO-CRD-DOCK-CRZ-MINI

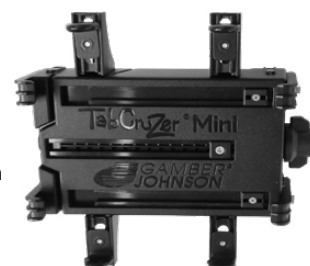
For Dell Latitude 12

- Specific Docking station DELL
- VESA fitment options
- Dual pass through antenna support
- 12-16V DC connectivity
- Push latch button function
- Heavy duty lock
- Weight: 1.6Kg
- 3 year warranty
- Size: H264 x W329 x D72mm



Universal TabCruzer Mini

- Universal adjustable dock 175mm – 284mm
- Depth 109mm to 208mm
- VESA fitment options
- Heavy duty lock
- Size: H244 x W213 x D57mm
- Weight: 0.8Kg
- Lifetime warranty



CKO-CRD-DOCK-UNI-V

CKO-CRD-DOCK-TABAC2-LITE

Universal Notepad Dock

- Universal adjustable dock 10.6" – 15.75"
- Depth 9" to 12.4"
- VESA fitment options
- Heavy duty aluminium construction
- Size: H411 x W298 x D46mm
- Weight: 2.9Kg
- 3 year warranty



For Samsung Tab Active 2

- Specific Docking station
- VESA fitment options
- USB vehicle adapter
- Camera and stylus compatible
- Size: H144 x W235 x D48mm
- Weight: 0.2Kg
- 1 year warranty





Intelligent Vehicle Technology

Nationwide, Professional Vehicle Installations



**Nationwide Coverage.
Minimal Downtime. Any Fleet Size.**

CKO provides a nationwide installation service through our network of skilled CKO Installation Partners. Because we have a wide range of known mobile engineers, we can arrange install of your intelligent vehicle technology solutions wherever and whenever suits your operation day or night. Installations are carried out around your schedules, helping keep vehicles on the road while minimising disruption and downtime.

All CKO Installation Partners are qualified in the safe maintenance of electric and hybrid vehicles, giving you complete confidence in the quality and safety of every installation. Fleet benefits from professional, compliant installations delivered by engineers who understand the demands of modern transport operations and the importance of vehicle availability.



Intelligent Vehicle Technology

Contact the CKO sales team to find out more. Call 0208 863 8333 (Option 1)

CATEGORY 16

Cab phones / Pei-tel





CKO-CKO-PK-PT6

Pei-Tel PT6

- 12-24v compatible
- SIM remote from handset
- Multi handset option
- Configurable operating modes
- Intercom capability
- Remote fleet management
- Quad band GSM, GPRS
- Clear voice & sound technology™

CKO-PK-PTONE

Pei-Tel PTOne

- 1LTE with multi-antenna technology (MIMO) and VoLTE support
- Excellent telephony and audio quality
- Optimum reception thanks to various connections for external antennas
- Stand-alone system with SIM card holder (mini SIM card, 2FF)
- Detachable handset for discreet phone calls
- AT commands via USB, RS-232, SMS or MQTT

Also available with a fixed handset



CKO-PK-CP1000LTE

Bury CP1000 LTE

- 12-24v compatible
- Slave handset option
- Configurable operating modes
- DialogPlus voice control and text-to-speech
- Multiple call handling
- Emergency calls- via an SOS key
- Single voice command activation
- Crystal clear sound



CKO-PK-SM-CP250

Siyata CP250 Vehicle Communicator

- 12V-24v Compatible
- 4G LTE
- Large 5.5" wide screen display
- Andriod 7.1 OS
- Push to talk over cellular (POC)
- 720P AHD built in camera DVR
- High speed WIFI hotspot 2.4G
- GPS with external antenna
- Navigation
- External 12W speaker
- Automotive connectivity
- External Microphone



PK-SM-UV350

Fleet Communication

- 12V-24v Compatible
- 4G LTE
- Large 5.5" wide screen display
- Andriod 7.1 OS
- Push to talk over cellular (POC)
- 720P AHD built in camera DVR
- High speed WIFI hotspot 2.4G
- GPS with external antenna
- Navigation
- External 12W speaker
- Automotive connectivity
- External Microphone



CKO-PK-V-CP200

Voyager

- 12v compatible
- Noise reduction and echo cancellation
- Wi-Fi hotspot & Bluetooth connectivity
- External 3G RF and GPS antennas
- Fleet management systems
- Over-the-air software updates
- Voice dialling
- Smartphone charge



CKO-ALT-HA8

Handset, Button & Cradle

- Dynamic ear capsule
- Electret microphone capsule
- Solid, flame resistant plastic housing
- Durable spiral cable • Button for hookswitch



CKO-PK-PT5-EXTRAHANDSET

Handset with Display

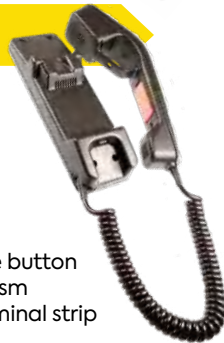
- 5V to 14V operating range
- 1.8 inch display with 262K colours
- Integrated flash memory
- Integrated micro controller
- Dynamic ear piece
- Microphone with noise reduction



CKO-ALT-HA10

Push-to-Talk (PTT)

- Dynamic ear and microphone
- Push-to-talk (PTT) button
- Durable Spiral Cable
- Locking mechanism with release button
- Automatic hook switch mechanism
- Connection via screw-down terminal strip



CKO-ALT-HA11USB

Push-to-Talk (PTT) USB

- Dynamic microphone
- PTT (push-to-talk) button
- Durable spiral cable
- Hook switch mechanism
- Flame resistant plastic housing
- Loudspeaker in the cradle



CKO-PK-PT5-CRADLE

Hang-up Cups

- Glass fibre strengthened plastic
- Magnet for hook switch
- Force release mechanism
- Slot for RJ45 or RJ50 connection



CKO-ALT-MTP850

Motorola Charging Cradle

- Motorola MTP850 FuG & MTP850 S
- 12V & 24V application
- Gold-plated connector pins
- Charging status display
- Device locking mechanism
- Compatible with all battery packs



BRODIT

This product is offered as a simple plug and play solution with the option for hardwire and complete fitting solution if required.

- Multi-fit options
- Lightweight design
- Device specific charge voltage
- Hardwire kit or universal power supply



HONEYWELL

Comprehensive range available. This has the device specific charge voltage with hardwire connections for a professional installation.

- Multi-fit options
- OE design with option data inputs and outputs
- Device specific charge voltage
- Hardwire kit or universal power supply



RAM

This product is offered as a simple plug and play solution with the option for hardwire and complete fitting solution if required.

- Multi-fit options
- Very robust design
- Universal power supply options



BURY

A comprehensive range of universal and device specific cradles that allow full connectivity to the Bury system 8 and system 9 base kits.

- Universal or device specific options
- Compatible with system 8 or 9 base units
- Plug and play



CKO-ALT-ME1

Surface Mic

- Electret Microphone Capsule
- With directional effect
- Solid plastic housing



CKO-PK-PT-MIC

Surface Mic Discrete

- Electret microphone capsule
- Unidirectional noise canceling
- Small discrete design
- Very thin and flexible cable for easy installation in vehicles
- Integrated microphone preamplifier



CKO-ALT-ME2

Surface Mic

- Electret microphone capsule
- Strong directional effect
- Solid plastic housing
- Adjustable microphone pre-amplifier



CKO-ALT-DD60

Hand Microphone

- Dynamic microphone capsule
- Rugged plastic housing
- Durable Spiral Cable
- Push-to-talk (PTT) button



CKO-ALT-ME14

Gooseneck Mic

- Electret microphone capsule
- Full metal housing with gooseneck
- Covered with a heat shrink tube
- Protected against dust and splashed water (IP54)



CKO-ALT-ME10

Gooseneck Mic + Button

- Dynamic microphone capsule
- Unidirectional noise cancelling
- Rugged housing with gooseneck
- Very long life switching contact



CKO-ALT-KL1

Small Rugged Loudspeakers

- Very rugged plastic housing
- Durable plastic speaker membrane
- Small design for easy installation
- Frequency range optimized for radio
- Flexible mount



CKO-PK-PT5-SPEAKER-RUGGED

Rugged Dynamic Loudspeaker

- Solid plastic housing
- Wide frequency range
- Clamping or rotating mount
- Vertical or horizontal mounting



CKO-PK-PT5-SPEAKER

Dynamic Loudspeaker

- Rugged plastic housing
- Small design for easy installation
- Frequency range optimized for radio communication
- Solid retaining bracket made of metal



CKO-ALT-KL34

Dynamic Loudspeaker (10watt)

- Rugged plastic housing
- Very high power - 10 Watt
- Frequency range optimized for radio communication
- Solid retaining bracket made of metal



CATEGORY 17

Antennas/ Panorama



We have a wide range of tried and trusted antennas for PMR and public safety. Our antennas are used throughout the world by hundreds of public safety departments, these are just a small sample of the complete range. Please call and we can advise the best solution for your fleet.

CKO-ANT-GPSD

MiMo Sharkee

- OEM shark fin styling
- GPS/GNSS, MiMo 2G/3G/4G cellular & optional MiMo 2.4/4.9-6GHz in one housing
- Heavy duty design for optional VHF or UHF whip



CKO-ANT-LP-M-7-27

MiMo Sharkee

- Low profile antenna with up to 6 functions in 1
- MiMo 2G/3G/4G cellular, Optional GPS & optional MiMo 2.4/4.9-6GHz in one housing
- Kits with extension cables available for a range of LTE routers



CKO-ANT-B4BE-7-27

Bracket Mount LTE

- Robust, cost-effective bracket mount antenna
- Integrated cable
- Supports 2G/3G/4G, 700 & 800MHz & 868 & 915MHz



CKO-ANT-BATGM

Panel Mount GPS/GNSS, WIFI & MiMo

- Mount on or under dashboard
- MiMo 4G/3G/2G functionality
- GPS/GNSS 26dB LNA



CKO-ANT-SHKG

MiMo LTE, WiFi/GPS Sharkfin

- OEM sharkfin styling
- MiMo 4G/3G/2GHz and GNSS in one housing
- Optional 2x2 / 3x3 or 4x4 MiMo WiFi 2.4/5GHz



CKO-ANT-BMP1-7-27-5F

LTE Bumper Mount

- Covert application
- Robust over moulded construction
- Designed to mount in vehicle bumper/fender



CKO-JC-ACC-ANT01

Glass Mount DAB

- Glass Mount Patch Antenna
- SMB Connector
- Active DAB Antenna



CKO-ANT-BC-3G-26

Universal Mount LTE

- Adhesive mount
- Can be mounted to glass or plastic
- Supports 2G/3G/4G, 700 & 800MHz & 868 & 915MHz



CATEGORY 18

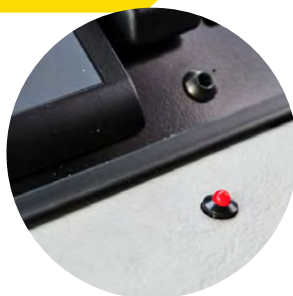
Security/Light Commercial Vehicles





Drive Lock

The Drive lock system automatically immobilises an unattended vehicle while idling or running. This will happen if an unauthorised person attempts to move the vehicle. This is compatible for many vehicles with standard key types.



Run Lock

The Run Lock system allows the vehicle engine to continue running after the keys have been removed from the ignition. This allows the continued operation of ancillary equipment without the threat of flat batteries or opportunist vehicle theft.



Intelligent Immobilisers

The AutoWatch Ghost-II is the next generation of groundbreaking Ghost immobiliser. The Ghost-II has an innovative mechanism of engine lockout that uses the data network on the vehicle so that there is no additional wiring that can be easily found. Disarming the Ghost-II can be done using the disarm sequence on the standard vehicle buttons, just like the original Ghost.



Anti-drill Protection Plates

Modern car thieves are now digital. They plug an electronic device in to the OBD socket, thus overcoming the immobiliser and simply driving away. To prevent this we have developed the OBD Protector. A solid stable metal cap is plugged into the OBD socket and secured with two security screws of which there are over two hundred combinations.



ECU Guard

This unique and patented ECU shield is specially designed for many light commercial vehicles. The design protects the OE connections on the ECU from being accessed easily from any access point.



Ignition Barrel Guard

Ignition guard acts as a shield protecting and preventing unauthorised persons from removing your ignition barrel, thus protecting your vehicles against this emerging crime threat.



Mechanical Bonnet Lock

Our mechanical high security bonnet lock ensures that access to the engine bay is secure. The engine bay is a target area due to the location of the vehicles ECU and catalytic converter. This protection will make access to the access weak points almost impossible.



Pedal Box - Self Fit

Our pedal box is constructed from high grade steel and then finished in a highly visible durable power coat. This can easily be seen from outside the vehicle even in low light. The unique fitment means it secures the pedals from being used with the advantage of a lockable storage to hide away small valuables.





Electronic Cargo Lock

Our electronic cargo locks are available for most light commercial vehicles. Compatible for 2 or 3 door applications, this solution will only allow you to open 1 door at any time. The system is isolated from the vehicle central locking. Access is granted via a unique coded Dallas key entry system.



Anti-drill Protection Plates

Our secure anti-drill protection plates prevent anyone gaining access to multiple vulnerable points of many light commercial vehicles. The external plate is constructed of stylish material with a enduring finish, with the addition of the internally mounted treated heavy duty plate for added security.



Mechanical Slam Locks

This robust mechanical slam lock ensures the load area locks securely automatically on closing the door. Regardless of the status of the other doors. This solution replaces your original locking mechanism.



Handle Protector Plates

These handle protection plates reinforce the steel behind the handle and lock. This prevents and deters forced entry via this weak point.





Security Rep Lock

The Rep Lock is a unique, direct replacement high security door lock that replaces the vulnerable OE lock on the drivers door. This requires no drilling or adjusting of the OE mechanism setup and therefore makes a quick smart OE style installation with upgraded security.



Loom Protector Plate

The Loom guard is an original design that prevents unwanted outside access to the vulnerable part of the vehicle loom giving access to the OE security. The unique design of this product uses security fixing to make sure your vehicle is protected at all times.



Electronic OBDII Guard

The electronic OBDII guard is designed to be plugged into your original OBDII port and only allow access when one of the unique OBD port authentication cards are presented to the hidden module. This Thatcham approved product will protect your vehicle from any unauthorised connections to your factory OBDII.



Mechanical OBDII Guard

Specially designed for light commercial vehicles this OBDII production device is designed to stop unauthorised access to the factory port. The design of this product means the location of the OBDII plug will be moved to a more secure location and mounted to a fixing using security sheer bolts. Access will only be granted



CATEGORY 19

Communication/Routers





CKO-XR-90

AirLink® XR90

- Dual 5G cellular radios
- Dual 4x4 MIMO Wi-Fi 6
- Purpose-built for public safety & transit
- High-performance rugged router
- End-to-end device-to-cloud security
- ALMS out-of-band management
- Low total cost of ownership
- Modular, upgradeable cartridge design
- Long-term expandability

5G High-Performance, Multi-Network Vehicle Router for Transit, Rail and First Responder Fleets.



CKO-XR-80

AirLink® XR80

- Optimised for fixed & mobile applications
- Optional dual 5G cellular radios
- 5x4 MU-MIMO Wi-Fi 6
- Flexible, customisable configurations
- End-to-end device-to-cloud security
- ALMS out-of-band management
- Reduced total cost of ownership
- Modular cartridge-based design
- Long-term expandability & upgradeability

5G High-Performance Multi-Network Router for Public Safety, Field Service Fleets and Mission-Critical Fixed Applications



CKO-XR-60

AirLink® XR60

- 4x4 5G + LTE Cat-20
- 2x2 Wi-Fi 6 (optional)
- Dual-Band GNSS
- Single Serial / Single
- Ethernet (1 Gbps) or Dual
- Ethernet (1 Gbps + 5 Gbps)
- IP64 and MIL-STD-810H Rated
- Powered by AirLink® OS and AirLink® Complete

5G and Wi-Fi 6 Performance in an Ultra-Compact and Rugged Router for Fixed and Mobile Mission-Critical Applications





CKO-LX-40

Ultra Compact LTE or LTE-M/NB-IoT Commercial Router for Security Cameras, Digital Signage, IoT & Small Business

AirLink® LX40

- Ultra-compact LTE router
- LTE & LTE-M/NB-IoT options
- Fast, plug-and-play deployment
- Dual-band Wi-Fi connectivity
- Connects video & IoT devices
- Gigabit Ethernet with PoE
- Enterprise-grade security
- Cloud device management (ALMS)
- Rugged industrial design
- Ideal for IoT & digital signage



CKO-LX-60

Dual Ethernet LTE or LTE-M/NB-IoT Commercial Router for Retail, POS, IoT and Commercial Fleets

AirLink® LX60

- Dual Ethernet connectivity
- LTE & LTE-M/NB-IoT options
- Primary & backup WAN
- Dual-band Wi-Fi
- Gigabit Ethernet ports
- Built-in GNSS
- Enterprise-grade security
- Cloud device management
- Rugged industrial design
- Ideal for retail, IoT & fleets



CKO-RX-55

Compact, Rugged, Low power, LTE Router for Industrial IoT, SCADA and fleet applications in private and public networks.

AirLink® RX55

- 4G LTE-A connectivity
- Low power operation
- Rugged IP64 aluminium housing
- Dual-band Wi-Fi 5
- Gigabit Ethernet
- Dual SIM support
- Built-in GNSS
- Edge computing ready
- AirLink OS & ALMS management
- Industrial IoT & fleet ready





The Vehicle Safety Experts

A comprehensive portfolio of Pro and Essential routers designed to keep mission critical operations connected wherever they operate. Solutions range from compact, low power devices to high performance 5G and Wi-Fi 6 routers.

Deploy with Confidence

Backed by trusted expertise and comprehensive support services that help networks operate securely, reliably and at peak performance throughout their deployment lifecycle.

More Than a Router

AirLink combines purpose built hardware, a secure operating system and comprehensive management services to deliver a complete connectivity platform.

Engineered for Demanding Applications

Designed to support critical operations with a choice of compact, low power routers through to rugged, high performance 5G solutions.

Built for Mission Critical Operations

Purpose designed to withstand the harshest operating environments while delivering reliable connectivity.

AirLink® Routers

- Purpose Built Hardware
- Industrial grade routers
- Custom designed antennas
- Optimised for demanding environments
- Operating System
- Designed specifically for AirLink hardware
- Reliable and secure operation
- Services
- Comprehensive ALMS service suite
- Supports current and future deployment requirements
- Security
- Defence in depth security architecture
- Protects devices, networks and data throughout the solution

Not Just Routers but Complete Solutions



MEET THE TEAM



The Vehicle Safety Experts

At CKO, our passion lies in helping our customers to discover the perfect product or package to fulfill their vehicle safety needs. With a dedicated team working diligently behind the scenes, we strive to exceed our customers' expectations by delivering tailored solutions that prioritise safety and satisfaction.

Sales

With years of industry experience and a wealth of knowledge, our sales team members are experts in vehicle safety and compliance. They are ready to help you navigate regulations, recommend the best solutions, and ensure that you achieve your safety and compliance goals with confidence.

Technical

Serving as the backbone of our operations, our technical team stand ready to support both our sales team and our valued customers alike. With a deep understanding of our products and services, they possess the capability to address any technical inquiries our customers may have, ensuring an exceptional experience.

Accounts

Comprised of diligent professionals with a wealth of financial expertise, our accounts team are committed to providing exemplary service to our valued clients. From managing billing inquiries to resolving payment issues, our accounts team works tirelessly to guarantee customer satisfaction and foster long-term relationships.



Intelligent Vehicle Technology



CKO Intelligent Vehicle Technology

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