Product Specification

CKO
THE VEHICLE SAFETY EXPERTS

DC-DVR-4G-01
2K Connected 4G Dash Camera

DC-DVR-4G-01

DC-DVR-4G-INTCAM

Optional Driver Facing Internal Camera available

KEY FEATURES

- 2K (1440p) forward facing recording

- 146° Wide view angle, 121° Horizontal, 64° Vertical

- Built in G-force sensor & GPS

- Connected solution to 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 for USB driver facing camera

FOR MORE INFORMATION, CONTACT OUR SALES TEAM.
T: 0208 863 8333 (OPT1) • **E:** sales@c-ko.co.uk • **W:** www.c-ko.co.uk

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2-Channel Video Streaming and Playback

- Supports 1 channel of 2K (1440P) and 1 channel of 1080P HD video.

- Equipped with continuous loop recording functionality, ensuring efficient and reliable video storage.

- Emergency video clips can be uploaded automatically or manually by pressing the button, protecting important footage.

GNSS Positioning and Trajectory Playback

- Support GPS, BDS, GLONASS and Galileo for continuous connectivity and real-time positioning, enabling accurate tracking of vehicle routes as well as detailed playback capabilities.

Data Integrity and Security

- When the terminal is offline, it temporarily stores location data and transmits it to the server once a stable connection is re-established.

- When the orientation exceeds a specified threshold, it will immediately send positional data to optimise the trajectory.

- Support 1 TF card, 32G~512GB.

Easy Installation and Management

- With the use of Configurator, the processes of parameter configuration and installation are substantially streamlined.

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2K Connected 4G Dash Camera

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System	Linux	
Video & Audio	Video Quality/Bitrate	Front camera: 6Mbps In-car camera(Optional): 2Mbps
	Resolution	1 ch 2K(1440P) and 1 ch 1080P
	Video Input	Up to 2 channels, including 1 standard and 1 optional
	Image Format	JPEG
	Video Format	MP4
	Video Encoding	H.264/H.265
	Audio Input	MIC built in the host, supporting front camera and in-car camera recording
	Audio Output	Speaker built in the host
	Audio Encoding	G711A/AAC
	Real-Time Video Recording	300s (default) time-lapse recording after ACC off
	Video Playback	2 channels
	External Storage	1 TF card (Class 10 or higher speed), 32G~512GB
Camera	Front Camera	Host part 2K(2560*1440)/4 Megapixels/25fps/F1.8/FL2.6mm/VIS 650nm/No MIC/ Full color/FOV (D146°/H121°/V64°)
	In-car Camera (Optional)	Connect to the host directly 1080P(1920*1080)/2 Megapixels/25fps/F2.2/FL2.8mm/VIS 650nm+IR 940nm/ No MIC/Full color in daytime& Monochrome in dim light/FOV (D140°/H118°/V62°)
Cellular	Technology	4G LTE Cat. 4
	Data transfer	LTE Cat.4: Max150Mbps(DL)/Max50Mbps(UL)
	Data support	SMS(TXT/PDU)
	4G LTE Cat. 4 bands	EU Version FDD：B1/B3/B5/B7/B8/B20/B28(28A、28B) TDD：B38/B40/B41

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Positioning & Location/GNSS	Technology	GPS, BDS, GLONASS, Galileo
	Position accuracy	<10.0m CEP
	Velocity accuracy	<0.1m/s
	Hot start	<4s
	Cold start	<45s
Power	Device input	5V 3A
	Power supply	Cigarette lighter plug: Input voltage 12-24V Power box: Input voltage 9-36V
	Standby Battery	LFP battery/3.2V/400mAh
	Consumption	Normal: 450~480mA@12V Sleep Mode: 7~8mA@12V
Temperature	Operating Temperature	-10℃ to +70℃
	Storage Temperature	-20℃ to +80℃
Physical	Dimension	139*39.5*80.6mm (with in-car camera) 95*39.5*80.6mm (without in-car camera)
	Weight	198g (with in-car camera) 168g (without in-car camera)
Features	Indicator	LED tri-color lighting: Cellular(Red), GPS(Yellow), Recording(Green)
	Scenarios	Speeding detection, low voltage detection, collision alarm, harsh acceleration, harsh deceleration, harsh cornering, remote intercom, Event upload, etc.
	Modes	Normal, Static sleep
	Sensor	3-axis G-Sensor
	Configuration support	Configurator

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THE VEHICLE SAFETY EXPERTS

2K Connected 4G Dash Camera

Dash Camera Features and Connections

1

Micro-SIM Card

TF Card   In-car Camera

2

Speaker

Indicatior

Infrared Light

MIC

Events Upload Button

Volume Adjustment Button

3

Front Camera

Power Supply Ⅰ: Cigarette Lighter Plug
Power Supply Ⅰ: Cigarette Plug

I/O Interface

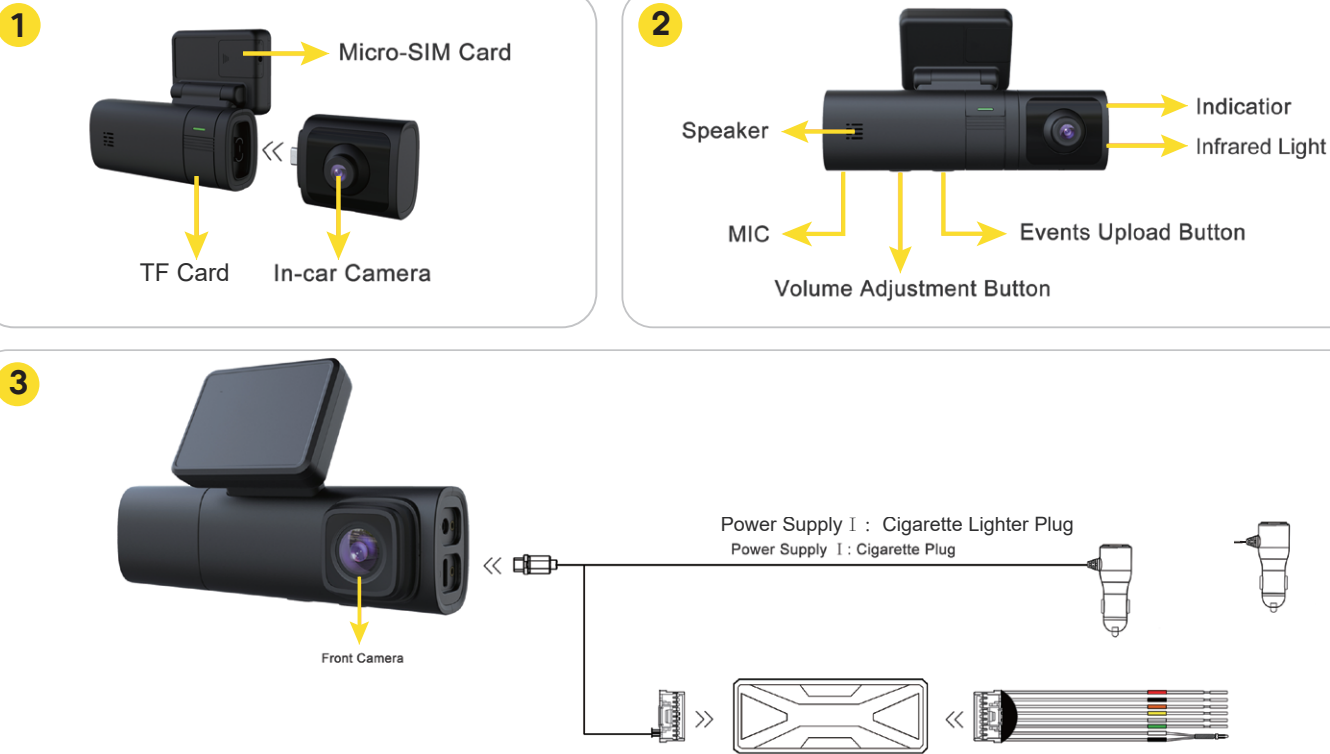| No.	Colour	Interface Definition
1	Red	V+
2	Black 1	GND
3	Orange	ACC
4	Yellow	Relay -
5	Grey and White	CAR_H2
6	Green	ADC_1
7	White	SOS
8	Black 2	GND

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