

>> Product Specification



>> DC-DVR-4G-ADV Advanced AI Expandable Connected Dash Camera



DC-DVR-4G-ADV

Front: 1920p Forward Facing recording with 140 degree view



Back: 1080p Cabin View Camera with 170 degree view

>> KEY FEATURES

- 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

FOR MORE INFORMATION, CONTACT OUR SALES TEAM.

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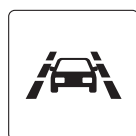
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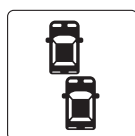
Advanced AI Expandable Connected Dash Camera

Dash Camera Functions

ADAS Functions:



**Lane
Departure**



**Tailgating
Detection**



**Forward
Collision**



**Pedestrian
Collision**

DSM Functions:



**Driver
Fatigue**



**Mobile Phone
Usage**



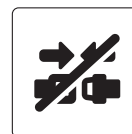
Smoking



**Driver
Distraction**



**No Driver
Present**



**No Seat Belt
Detection**

SPECIFICATION

System	Embedded Linux
Video Recording	4-channel video (default: 2-channel; extension: 2-channel)
Max. Capability (with 2-Channel AI)	1920p @ 25fps (Road-Facing) 1080p @ 25fps (Driver-Facing) 1080p @ 25fps (AHD) 800p @ 20fps (DSM over IPC) Default Configuration: 1080p @ 15fps (Road-Facing) 720p @ 15fps (Driver-Facing) 720p @ 15fps (AHD) 800p @ 20fps (DSM over IPC)
Image Setup	Adjustable brightness, chroma, contrast, colour saturation and sharpness
Video Coding	H.264 / H.265 (default: H.264)
Audio Compressions Standard	ADPCM/G.711/G.726 (default: G.711t)
CBR/VBR	Supports Constant or Variable Bitrate (default: VBR)
Audio	Built-in mic
Loudspeaker	Built-in 3W loudspeaker with adjustable volume (not less than 70dB at 3.3 feet distance)

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ROAD-FACING LENS

Focal Length	2.8mm, HFOV: 123°; VFOV: 65°; DFOV: 140°; Deviation: ±5°
Sensor Type	1/2.7" 5-megapixel CMOS sensor
Shutter Speed	1/30s–1/1000000s
Minimum Illuminance	Colour: 0.05 Lux/F1.2
Lens Mount	Built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Backlight Compensation	Supported
Signal-to-Noise Ratio (S/N)	≥48dB

DRIVER-FACING LENS

Sensor Type	1/2.9" 2-megapixel CMOS sensor
Shutter Speed	1/30s–1/1000000s
Lens	Focal length: 2.2 mm HFOV: 151°; VFOV: 84°; DFOV: 170°; Deviation: ±5°
Lens Mount	Built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Backlight Compensation	Supported
Signal-to-Noise Ratio (S/N)	≥45db
Infrared Lamp Thresholds	Day to Night: 4 lux Night to Day: 8 lux
Six-Axis Motion Sensor	Harsh acceleration, harsh deceleration, harsh cornering and incident detection
Environmental Light Sensor	Supported, used as the in-cab camera, subject to day/night switching
I/O Port	3-channel input
USB	1x Mini USB port (configuration only)
Button	1x Event Button
Micro SD Card	2x Micro SD card, (SDXC 32GB/64GB/128GB/256GB) Read/write rate: Class10 or above is recommended

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Wi-Fi	Supports 2.4G (IEEE Std.802.11a/IEEE Std.802.11b/IEEE Std.802.11g/IEEE Std.802.11n)
4G	Plug-in SIM card (Nano SIM card) For North America: LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71. WCDMA: B2/B4/B5. For Europe and Asia: LTE FDD: B1/B3/B7/B8/B20/B28A. WCDMA: B1/B8 GSM: B3/B8. For Latin America: LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28. LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
GNSS	GPS L1 1575.42MHz; GALILEO E1B/C1; GLONASS L1OF 1602MHz; SBAS: WAAS, EGNOS, MSAS, GAGAN

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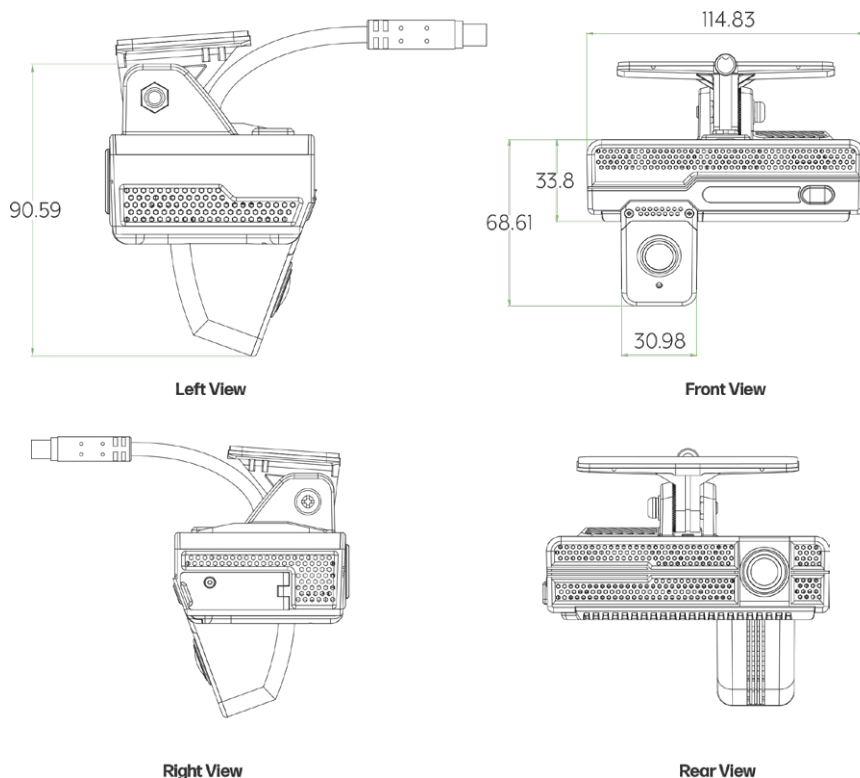


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SPECIFICATION

Power Supply	12~24V
Power Consumption	Standby: 6.78mA @ 12v 3.77mA @ 24v Sleep: 96.4mA @ 12v 51.52mA @ 24v Active: 474.66mA @ 13.8v 250.77mA @ 27v
Operating Temperature	-40°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	15~95% non-condensing
Storage Humidity	15~95% non-condensing
IP Rating	IP30 * The Dashcam is non-waterproof
Dimensions LxWxH	Dashcam: 113.0 mmx67.8 mmx88.2 mm (excluding bracket); Deviation: ± 2 mm Package: 176 mmx150 mmx114 mm; Deviation: ± 3 mm
Weight	Net weight (device only): 295g; Gross weight (including accessories and package): 745g; Deviation: ± 10 g * The actual dimensions and weight may vary with individual product differences, manufacturing processes and testing methods

Product Dimensions



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