



Also available:  
Optional 720P IPC Camera(s)

# Connected Dash Cam with AI Functionality

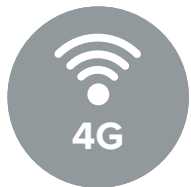
The EchoMaster **DC-633-AI** is a cost-effective Dash Cam solution specifically developed for remote video and driver monitoring and designed for use in almost any vehicle.

Utilising the Built-in High Definition 1080P ADAS camera, the **DC-633-AI** alerts the driver to the presence of vehicles and obstacles in front and provides warnings for Distance, Forward Collision & Lane Departure.

The Internal Driver Facing (DMS) Camera intelligently recognises and provides remote feedback on possible Driver Distraction, Fatigue, Phone Usage & Smoking Warnings effectively reducing fatigue and driver induced accidents.

## Key Features

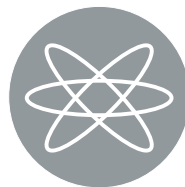
- ▶ High Definition (1080P-720P) Recording
- ▶ Built-in G-Sensor
- ▶ GPS/ GLONASS Functionality
- ▶ 4G Functionality
- ▶ SD Card Storage (up to 256GB)
- ▶ Evidence Recording
- ▶ Rugged, Aluminium Casing with Heat Sink for Optimum Heat Dissipation



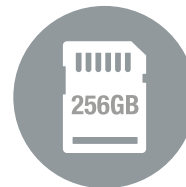
4G  
FUNCTIONALITY



GPS / GLONASS  
FUNCTIONALITY



BUILT-IN  
G-SENSOR



SD CARD  
STORAGE



EVIDENCE  
RECORDING

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Network	Wi-Fi	Supported
	Bluetooth	Supported
	3G / 4G	Supported
Positioning	GPS	Supported
Sensor	6-Axis Sensor	Supported
Taximeter Function	CAN data Collection	Supported
Working Condition Indicator	<p><b>The indicator can show four different device states:</b>  <b>Power on:</b> the red light flashes after the device is powered on;  Normal operation: the green light flashes  <b>Failure alarm:</b> the red light flashes once every second;  Upgrading: the indicator flashes twice every second;</p>	
Storage	SD Card	SD card with SDXC64G/128G/256G and Hot Plugging Supported
Audio & Video	Audio & Visual Recording	3 Channels (Video) 1 Channel (Audio)
	Resolution and Frame Rate (Primary Stream)	ADAS: 1080P @ 30fps DSM: 960P @ 30 fps
	Total Resource	Primary 1080P @ 30 fps + 960P @ 30 fps 3 Channel Sub-Stream CIF @ 15 fps
	Image Settings	Brightness, Chroma, Contrast, Colour Saturation and Sharpness Adjustment
	Video Coding	H.264 / H.265
	Video Compression Standard	ADPCM/G.711
	CBR / VBR	Supported
	Audio Input	Supported
	Built-in Loudspeaker	YES
Camera Parameters	Sensor Types (ADAS)	1/2" 9" 2M Pixel CMOS Sensor
	Shutter Speed	1/30s - 1/100000s
	Lens	4mm
	Lens Interface Types	M12
	Wide Dynamic Range	D-WDR
	Backlight Compensation	Supported
	S / N	≥48dB
Interface	RS232	1 Channel
	RS485	1 Channel
	IO Alarm Input	4 Channels
	IO Alarm Output	1 Channel
	CAN	1 Channel
	Power Output	5V DC @ 500mA, 12C DV @ 500mA
Protocol	Network Protocol	HTTP, TCP, ARP, UDP, FTP, DHCP, DNS, IPV4, NTP
Information related to Power Supply	Power Supply	9-36 V
	Internal Battery	NO
	Typical Power Consumption	6W
	Power Consumption	9W
General Specification	Working Temperature	-30°C~70°C
	Storage Temperature	-40°C~85°C
	Humidity	0% - 90%