VT3500-AI

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INTEGRATED AI-POWERED 4G DASHCAM

The **VT3500-AI** is the most sophisticated AI-powered 4G dashcam, with a built-in driver-facing camera and panic alarm. The integrated device is a highly effective fleet risk management solution designed to prevent collisions and provide added safety insight through real-time video analysis of the road, vehicle, and driver.

The **VT3500-AI** uses the latest camera technology and advanced AI algorithms to pinpoint risk, alert drivers and keep fleet managers informed. The forward-facing camera detects potential dangers – forward collisions, lane departures, tailgating and pedestrians – while the driver-facing camera identifies risky behavior such as smoking,cell phone use, eyes not on road and fatigue.

The four-channel dashcam supports two additional cameras and a monitor. This means the device can include a combination of side, rear, in-cab and cargo cameras to provide added visibility of blind spots and other areas of interest.

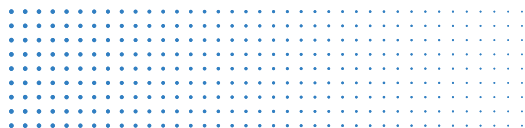**t** +1 (888) 969-6203
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Specifications:

DSM Camera	Sensor	1/2.7 inch 2M CMOS
	Shutter Speed	Auto
	Lens	2.1 mm
	Connector Type	M12
	Image Mirror	Supports (off by default)
	Intelligent Fill Light	Supports
	WDR	Digital WDR
	Backlight Compensation	Supports
	S/N	≥48db
	Infrared Beam Range	0.8–1.3 meters
ADAS Camera	Sensor	1/2.8inch 500W CMOS
	Shutter Speed	Manual mode 1/60s – 1/5000s
		Auto mode 1/60s – 1/10000s
	Lens	2.8 mm
	Connector Type	M12
	Image Mirror	Supports (off by default)
	Day/Night Mode	Not supported
	WDR	Digital WDR
	Backlight Compensation	Supports
	S/N	≥48db
Audio & Video	Video	2 channels
	Video Coding	H.264 Baseline Profile/H.264 Main Profile Baseline
		H.265 Baseline Profile/H.265 Main Profile Baseline
	Video Birates	500Kbps ~ 6Mbps
	CBR/VBR	Supports
	Audio Recording	Supported by ADAS and DSM
	IP Intercom	Supports
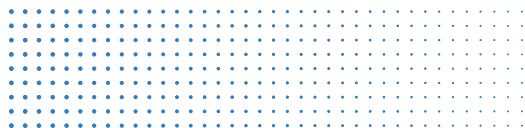
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Specifications:

Audio & Video	Audio Encoding	ADPCM
	Audio Input	Supports
	Loudspeaker	Built-in loudspeaker
Video Recording	Main Stream	DSM 1080P@20fps
		ADAS 1080P@20fps
	Image Quality	Level 1 – Level 8 optional (Level 1 is the best)
	Video Recording Mode	Powered/Timed/Event-based
	Alarm Pre-recording	0-60 min
	Alarm Recording Delay	0-30 min
Network	Built-in	3G/4G
	Wi-Fi	Supports
	Bluetooth	Supports, BT4.1
Positioning	GPS/BD	Supports positioning, speed detection and time synchronisation
Sensor	G-Sensor	Built-in six-axis gyro
Storage	TF	Supports 2x TF cards, 32G/64GB/128GB/256GB
		Capacity and hot plugging
Connection	IP Camera	1 channel
	CAN	Supports x 1
	RS232	Support x 1
	RS485	Not supported
	IO	1 channel
	Pulse	Not supported
	USB Interface	1 x Micro USB
	SIM Card	1 x Nano SIM card
	Video In	1 channel
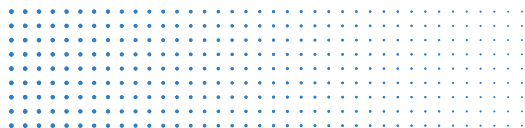
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Specifications:

Power	Input	DC 9~36V
	Output	Not supported
	Power Consumption	7.5W
	Hibernate	Supports, 0.1W
Dimensions	Dimensions (LxWxH)	87.5mm x 120mm x 40mm
Working Temperature	Operating Temperature	-40°C ~ +70°C
	Storage Temperature	-40°C ~ +85°C
	Operating Humidity	0% – 90%
Vehicle Adaptability	Alarm Prompter	Supports
	Requirement of Windscreen Angle	50° – 100°
	Range of Lens	0 – 30° (DSM)
	Adjustment	0 – 35° (ADAS)

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