

VT3600-AI-S



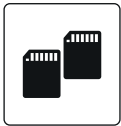
Wide-Viewing
Angle



Connected



3-Channel



Dual SD
Storage



G-Shock
Sensor



Wake up
on demand
(Not enabled as default)



CE UK PTCRB

VT3600-AI-S

Connected 3-Channel Forward-Facing AI Camera

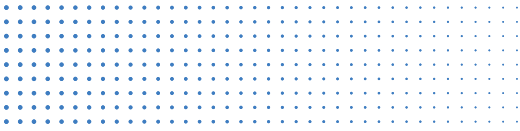
The **VT3600-AI-S** is a connected dashcam system designed for comprehensive fleet management and driver safety. It supports three video channels, including a wide-angle road-facing lens and options for driver or cabin monitoring. Dual-stream video recording enables simultaneous high-definition (FHD) and data-efficient streaming, with encoded 1080P video available for download as needed. Compact and easy to install, the VT3600-AI-S seamlessly integrates into any vehicle. It features Advanced Driver Assistance Systems (ADAS), including Lane Departure Warning (LDW), Forward Collision Warning (FCW), and Headway Monitoring Warning (HMW), providing real-time alerts to enhance road safety. Built-in 6-axis G-shock detection helps identify and manage risky driving behaviours, further reducing operational risks and improving safety outcomes.

Key features:

- ✓ Built-in ADAS (Advanced Driver Assistance Systems).
- ✓ Supports up to 1920P UHD recording, with 1080P set as the default.
- ✓ Up to 2x 256GB capacity for simultaneous main and sub-stream recording.

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e info@visiontrack.com
w visiontrack.com
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ADAS Functions:

- Lane Departure
- Tailgating Detection
- Forward Collision
- Pedestrian Collision

DSM Functions:
(Only supported with optional DSM Camera)

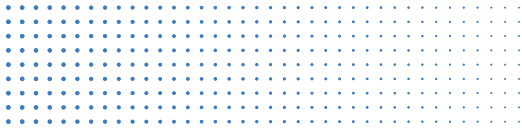
- Driver Fatigue
- Mobile Phone Usage
- Smoking
- Driver Distraction
- No Driver Present
- No Seat Belt Detection

Specifications:

Product model: VT3600-AI-S	
System	Embedded Linux
Language	Supports Chinese, English, Spanish (Latin American), Portuguese (Latin American), French, Russian and Japanese; English by default * The language includes interface language and voice reminder. TTS supports Chinese and English only.
Video/Audio	
Video/Audio Recording	3-channel video (1 channel built-in, 2 channels optional) + 1-channel audio
Max. Capability (with 2-channel AI)	1920P@25fps (ADAS) +1080P@25fps (AHD) +800P@20fps (DMS) Default configuration: 1080p 15fps / 720p 15fps / 720p 15fps
Image Setup	Adjustable brightness, chroma, contrast, colour saturation, and sharpness
Video Coding	Supported: H.264 and H.265. Default: H264
Audio Compression Standard	Supported: ADPCM, G.711, and G.726. Default: G711A
CBR/VBR	Supported: VBR and CBR. Default: VBR
Audio	Built-in mic
Loudspeaker	Built-in speaker, power: 3W, with adjustable volume, not less than 70dBat 1m distance

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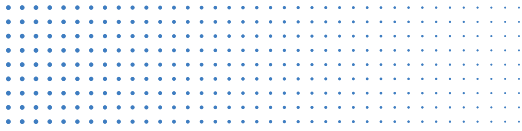


VT3600-AI-S

Specifications:

Parameters of Road-Facing Lens	
Sensor Type	1/2.7" 5-megapixel CMOS sensor
Shutter Speed	1/30s~1/1000000s
Lens	Focal length: 2.8 mm HFOV: 123°; VFOV: 65°; DFOV: 140°; Deviation: ±5°
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
LED Indicator Status	
Power Status Lights	Off/Green Off: The device is not powered on Steady green: The device is powered normally
Alarm Indicator	Off/Red Off: The device does not generate any alarm Red flashes three times: The device generates an alarm
GPS Signal Indicator	Off/Red Off: The device positioning runs normally Steady red: The device positioning runs abnormally (not positioned, or module not connected or damaged) Red flash (once per second): The device positioning is poor
Network Status Indicator	Off/Red Off: The device is connected to the server normally Steady red: The device is connected to the server abnormally Red flash (once per second): The device is in airplane mode * Airplane mode: Turning off the network signal of the dashcam to ensure safety when the vehicle enters .



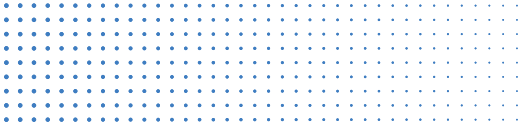


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Specifications:

LED Indicator Status	
WIFI Status Indicator	Off/Red/Green Off: The device is in Disable or Client mode Steady green: The device is in AP mode Steady red: The device WIFI runs abnormally
Recording Status Indicator	Off/Red Off: The built-in or extended camera runs normally Steady red: The built-in or extended camera stops (including privacy mode)/fails * When the video recording function is enabled (main stream and sub stream), the prompt will be given if no recording is detected. If the video recording function is disabled (main stream and sub stream), it will be regarded as normal recording status.
LED Indicator Status	
Micro SD Card	Micro SD card×2, (SDXC 32GB/64GB/128GB/256GB) Read/write rate: Class10 or above is recommended
Sensor	
Six-axis Sensor	Harsh Acceleration, Harsh Deceleration, Harsh Cornering, and Incident Detection
Port	
RS232	1-channel
I/O Port	4-channel input
CAN	1-channel (standard J1939 protocol) Warning: As some data fields may be customized by automobile manufacturers, the final measured data shall prevail. In the event that any required data is not supported, the integrated development is acceptable based on a specific protocol.



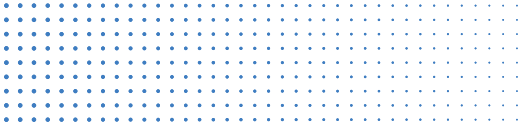


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Specifications:

Port	
USB	1 × mini USB port
Button	1
	To switch WIFI to AP mode, press the button twice within 2s.
	* For details of other buttons, refer to the user manual of the product.
Network	
WIFI	Support 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
	Warning: The industrial SIM card (MP2) is required, and the ordinary SIM card (MPI) is prohibited. We are not responsible for any problem caused by the use of any ordinary SIM card.





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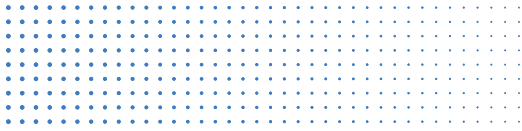
Specifications:

Positioning	
GNSS	Supported
	GPS L1 1575.42MHz
	GALILEO E1B/C1
	GLONASS L1OF 1602MHz
	SBAS: WAAS, EGNOS, MSAS, GAGAN

Power Related	
Power supply	12V and 24V vehicles (self-adaptive)
Power consumption	In standby mode: 13.5V@5.67mA, 27V@3.39mA
	In sleep mode (4G and MCU powered): 13.5V@70~127mA, 27V@36~66mA
	Typical power consumption (with dual SD cards installed and SIM card for dialing): about 5.94W
	Full-load power consumption (with dual SD cards installed, SIM card for dialing, WIFI turned on, IPC and AHD connected, and infrared lamp turned on): about 10.26W
	* The above data are test data obtained in a specific environment in the laboratory, and may vary with the individual product differences, service environment, and testing methods.

Environment	
Operating Temperature	-40°C ~ +70°C (-40°F ~ +158°F)
Storage Temperature	-40°C ~ +85°C (-40°F ~ +185°F)
Operating Humidity	15~95% non-condensing
Storage Humidity	15~95% non-condensing
IP Rating	IP30
	* The dashcam is non-waterproof





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Specifications:

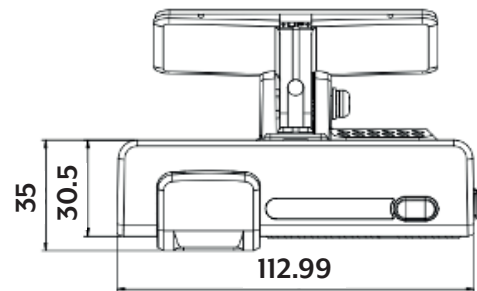
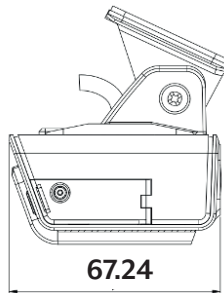
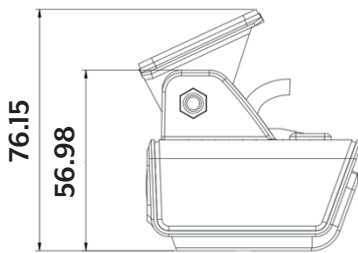
Dimensions and Weight

Dimensions (L×W×H)	Dashcam: 113.0 mm×67.8 mm×57 mm (excluding bracket);
	Deviation: ±2mm
Weight	Package: 176 mm×150 mm×114 mm; Deviation: ±3 mm
	Net weight (device only): 265g
	Gross weight (including accessories and package): 715g
	Deviation: ±10g

* The actual dimensions and weight may vary with the individual product differences, manufacturing processes, and testing methods.

Dimensions:

113.0 mm (L) × 57.0 mm (H, without bracket) × 67.2 mm (W)



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