



VT3600

CONNECTED 2-CHANNEL FORWARD-FACING CAMERA

The VT3600 is a connected dual-camera system – the forward-facing camera is for the driver’s view of the road and the other channel can be used for either driver-facing or to record the side, rear or cargo view. The device supports dual-stream video recording – main stream (HD) and sub stream (SD) – allowing users to simultaneously preview and live stream in a data-efficient way, with full HD (1080P) video being available to download on request. An in-vehicle AHD monitor can be added for side, rear or cargo monitoring.

Dual Micro SD card storage (up to 512GB) offers approximately 36 hours of recording capacity based on 128GB in full HD (2x 256GB/72 hours recording in full HD & 144 hours of recording in SD). A built-in 100Hz G-shock sensor is able to detect poor driver behaviour, helping fleet managers to improve road safety and reduce operational risk whilst removing false positives, such as speed bumps and potholes.

KEY FEATURES:

- ✓ 2MP resolution with 143° FOV (forward-facing camera)
- ✓ Built-in panic button with optional external panic button
- ✓ Powered via OBD plug & play for easy installation
- ✓ Tamper-proof with security screw head to protect the SD & SIM card slot
- ✓ 4G/LTE module
- ✓ Supports up to 2-channel video recording
- ✓ Dual Micro SD card storage
- ✓ Supports wake up on demand (power consumption less than 0.1W)

Specifications:

System	Embedded Linux
Language	Supports English, Spanish, Portuguese, French, Russian and Japanese
Video/Audio Recording	2-channel video (default: 1-channel; extensible: 1-channel AHD) 1-channel audio input by default. For the extended version, there is also a 1-channel audio output
Total Resources	1080P@30fps (front) + 1080P@20fps
Image Setup	Adjustable brightness, chroma, contrast, colour saturation and sharpness
Video Coding	H.264/H.265
Audio Compression Standard	ADPCM/G.711/G.726 (default: ADPCM)
CBR/VBR	Supported. VBR or CBR (optional), VBR by default
Audio	Built-in mic (audio disabled by default)
Loudspeaker	Built-in 3W loudspeaker
Sensor Type	1/2.8" 2-megapixel CMOS sensor
Shutter Speed	1/30s–1/100000s
Lens	2.6 mm HFOV: 114° VFOV: 77° DFOV: 143°
Minimum Illumination	Colour: 0.05Lux/F1.2
Lens Mount	MDVR built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Backlight Compensation	Supported
Signal-to-Noise Ratio (S/N)	≥48dB

Specifications:

Micro SD Card	Supports two Micro SD cards (maximum capacity of a single card is 256GB)
Six-Axis Sensor	Supported, Harsh Acceleration, Braking and Cornering
CAN Data Collection	Supported
Port	RS-232 x 1 IO Port 4-channel input CAN x 1 Mini USB port x 1
WIFI	SupportS 2.4G (IEEE Std.802.11a / IEEE Std.802.11b / IEEE Std.802.11g / IEEE Std.802.11n)
4G	Supported For North America: EC25AFXGA-128-SGAS LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5 For Europe and Asia: EC25-EC LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 For Latin America: EC25AUXGA-128-SGNS LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8

Specifications:

GPS	Supported GPS: L1 1575.42MHz BDS: B1 1561.098MH GALILEO: E1B/C1 GLONASS: L1OF 1602MHz SBAS: WAAS, EGNOS, MSAS, GAGAN
Power Supply	9–36V
Built-In Battery	Not supported
Power Consumption	Typical power consumption < 5 W, maximum power consumption ≤ 7 W
Dimensions	113.0 mm (length) × 67.2 mm (width) × 57.0 mm (height, without bracket)
Weight	720g
Operating Temperature	-40°C – +70°C (-40°F – +158°F)
Storage Temperature	-40°C – +85°C (-40°F – +185°F)
Humidity	-15% – 90%

Dimensions:

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

