VISIONTRACK

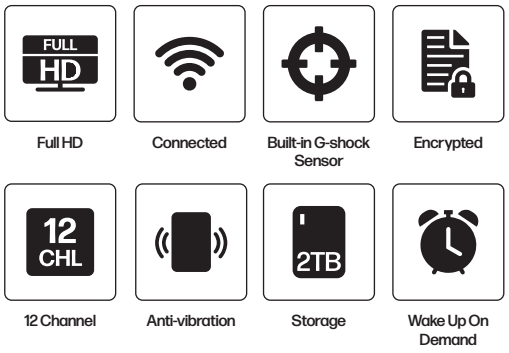
VT8000-AHD-4G

VT8000

12-CHL FULL HD 1080P MOBILE DVR

The **VT8000** is a high-performance mobile digital video recorder (MDVR) that is specifically designed for in-vehicle recording and monitoring. This 12-channel, ruggedized 4G solution offers complete visibility both in and outside of the vehicle, capturing, recording and managing HD video and supporting data that is accessible via our multi-award-winning IoT platform. This advanced MDVR can incorporate a wide number of devices such as internal and external cameras, in-vehicle monitors, blind spot detection (BSD), driver state monitoring (DSM) and advanced driver-assistance systems (ADAS).

Key features:



- Supports 8-channels AHD (1080p) + 4-channels IPC (1080p)
- Modular design for easy maintenance
- Revolutionary anti-vibration technology
- Supports 2.5” 2TB hard disk storage and SD card for mirror recording
- Dual streams for local recording and wireless transmission
- Internal GPS for location tracking
- Connected for live view and remote management
- 11.6" x 3.50" x 8.74" (295(L) x 89(H) x 222(W)mm)

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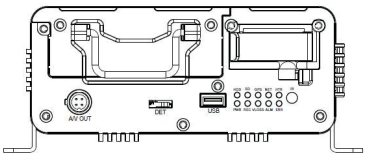
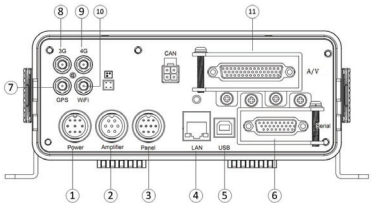
Specifications:

Function Overview	Preview, Recording, Playback, Network, Locating
OS	Linux 3.0.8
Control Mode	CP4, Easy Check, Network (4G WIFI), Mouse
Video Input	8 channels AHD (1080P) + 4 channel IPC (1080P)
Video Output	2 channels
Total Resource	PAL: 8x720P@25FPS(AHD) + 4x1080P@30FPS(IPC)
	Or 8x1080P@12FPS(AHD) + 4x1080P@30FPS(IPC)
	NTSC: 8x720P@30FPS(AHD) + 4x1080P@30FPS(IPC)
	Or 8x1080P@15FPS(AHD) + 4x1080P@30FPS(IPC)
Video System	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL optional
Audio Input	12 channels
Audio Output	2 channels
Display Split	1/4/9 Image display
OSD	GPS information, alarm, temperature, acceleration, voltage,
	device information, software version, MCU version, network status
Operation Interface	Semi-transparent GUI
Video/Audio Compression	Video: H.264 Audio: ADPCM, G.711A, G.711U
Image Resolution	PAL: 1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288),
	D1(704X576), HD1(704x288), CIF(352x288); NTSC: 1080P, 720P,
	WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480),
	HD1(704x240), CIF(352x240); Digital: 720P(1280X720)
Image Quality	8 Levels adjustable
Recording Mode	Schedule/alarm(sensor trigger, speed, acceleration, video loss, temperature)
Pre-recording	0-60 minutes
Post-recording	0-30 minutes
Mirror Recording	Yes
Playback Channel	4 channels by local playback
Search Mode	Date/time, channel, event
Network 4G	4G, EVDO/WCDMA/TDD-LTE/FDD-LTE
Network WIFI	802.11b/g/n
GPS	Location tracking, speed detection and time sync
Storage	Supports 2.5" hard disk up to 2TB
Interface USB	USB2.0 x 2
Interface RS232/RS485	RS232 x 2, RS485 x 2
Interface Sensor	8 inputs, 2 outputs
Interface Mic	1 MIC interface
Interface Panel	CP4 Optional
Power Input	DC8-36V, ACC
Power Output	5V@500mA, 12V@500mA
Power Consumption	105.3W
Modular Design	Yes
Dimension (L × W × H)	11.6" x 3.50" x 8.74" (295(L) x 89(H) x 222(W)mm)
Weight	5.73lbs (2.6Kg)
Operating Temperature	-104°F– +158°F (with heater) or -50°F – +158°F (-40°C – +70°C or -10°C – +70°C)
Operating Relative Humidity	8%~90%





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