VISIONTRACK

VT5500

VT5500

5-CHANNEL FULL HD 1080P MOBILE DVR WITH BUILT-IN CAN BUS SYSTEM

The **VT5500** is a full HD 1080p ruggedised, 5-channel mobile digital video recorder (MDVR) designed for vehicle surveillance and monitoring, with built-in 4G connectivity, advanced video compression, GPS positioning technology for live tracking. The MDVR fully integrates with VisionTrack's Platform and has as a built-in three-axis G-shock sensor as standard, offering full driver behaviour reporting.

1. Forward-Facing Camera

3. Side-View Camera

5. Left Turn Alert and/or Proximity Sensors

2. In-Vehicle Monitor

4. Mobile DVR

6. Reverse and/or Load Camera

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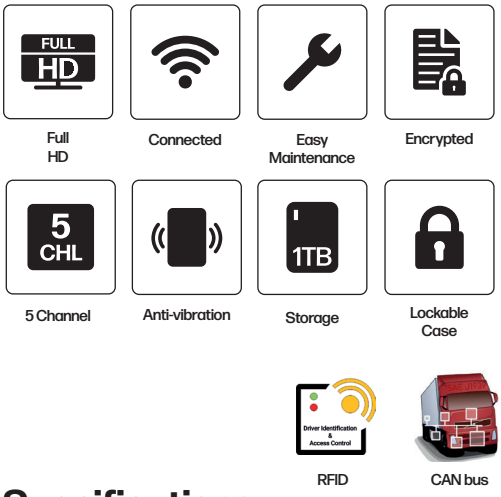
Key features:



- Supports 4 channels AHD (1080P) +1 channel IPC (1080P)
- Supports hard disk for main recording
- Built-in three-axis inertial sensor
- Supports GPS, Wi-Fi and 3G/4G
- Alarm integration for central monitoring
- Vibration-resistant design
- Fully integrates with VisionTrack Platform
- CAN bus integration supporting J1939 / FMS
- Driver Identification & Access Control via RFID Reader

Specifications:

System	OS	Linux 4.9
	Control Mode	Easy check, network, VT-CP4, mouse (3G/4G/WIFI), OTA
Video	Input	4 channels AHD (1080P) + 1 channel IPC (1080P)
	Output	1 channel
	Total Resource	4x720P@30fps+1x1080P@30fps
		4x1080P@15fps+1x1080P@30fps
	Video Signal Standard	Electrical level: 1Vpp; Impedance: 75Ω
		Optional NTSC/PAL
Audio	Input	5 channels (1 channel IPC audio input)
	Output	1 channel
	Audio Signal Standard	Electrical level: 2Vpp; Input impedance: 4.7kΩ
Display	Display Split	1/4/9
	OSD	Positioning, Alarm, Vehicle Plate, Speed, Time
	Operation Interface	Graphic user interface
Recording	Image Resolution	PAL: 1080P(1920X1080), 720P(1280X720), WD1(928X576),
		WHD1(928X288), WCIF(464X288), D1(704X576),
		HD1(704x288), CIF(352x288)
		NTSC: 1080P(1920X1080), 720P(1280X720), WD1(928X480),
		WHD1(928X240), WCIF(464X240), D1(704x480),
		HD1(704x240),CIF(352x240);
		Digital: 1080P(1920X1080), 720P(1280X720)
	Image Quality	1-8 levels adjustable (1 is the best)
	Recording Mode	Ignition on / Manual / Timer / Alarm trigger
	Pre-recording	0-60 minutes
	Post-recording	0-30 minutes
Playback	Playback Channel 1 channel	1 channel for local playback
	Search Mode	Date/time, channel, event

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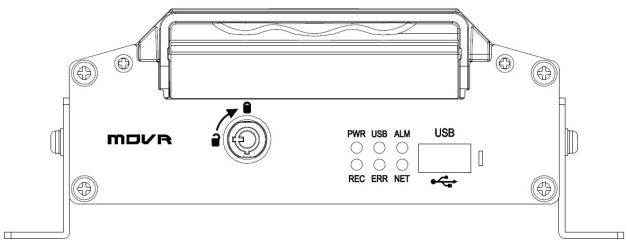
Specifications:

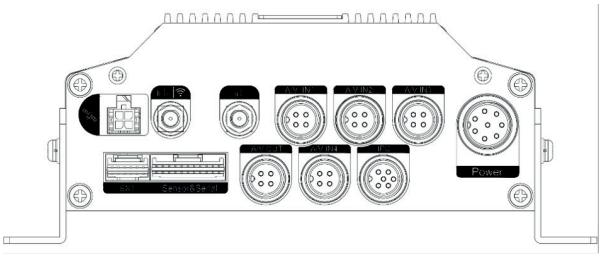
Playback	Playback Channel 1 channel	1 channel for local playback
	Search ModeWIFI/3G/4G	Date/time, channel, event
Network	(choose one from three)	802.11b/g/n/ac/EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LT
		1 channel
		E and so on
	IPC Ethernet	6-pin M12 (100M x 1, PON power supply)
Locating	GPS	Positioning, Speed, Time Sync, External GPS
Sensor	G-Sensor	Embedded 6-axis
Storage	Hard Disk	2.5" SATA hard disk x 1
Interface	USB	USB2.0 x 1
	Serial Port	RS232 x 1
	Sensor	8 inputs, 2 outputs, 1 open collector output
	Speed	1 channel pulse speed detection
	Control Panel	Optional VT-CP4
	Intercommunication	1 MIC interface
	CAN	2 channel
	K-Line	1 channel
Power	Input	DC 0-36V, ignition signal
	Output	5V@1A
	Max Power Consumption	35W
	Standby Power Consumption	≈0W
Environment	Operating Temperature	-40C- +70C (With heater) or -10C- +70C
	Operating Relative Humidity	8%-90% (No Condense)

Physical dimensions*:

Front panel



Rear panel



Dimensions: 206.0 x 170.0 x 70.5mm (L x W x H)

Weight: 1.2Kg (with hard disk)

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