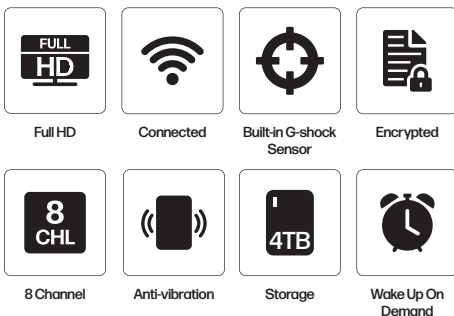# VISIONTRACK

VT6.3

VT6.3

FULL HD 1080P MDVR

The **VT6.3** mobile digital video recorder is ideal for video surveillance and remote monitoring applications, featuring the latest in GPS positioning technology along with speed and G-shock sensor data built-in. This 8-channel MDVR features a high-speed processor and embedded operating system, advanced video compression technology, as well as Wi-Fi for wireless data upload.
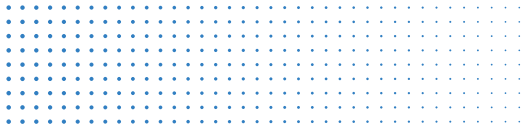
Key features:

FULL HD Full HD	Connected	Built-in G-shock Sensor	Encrypted
8 CHL 8 Channel	Anti-vibration	**4TB** Storage	Wake Up On Demand

- ✓ Embedded Linux operating system
- ✓ H.265/H.264 video compression
- ✓ 3.5 inch hard disk storage, hard disk heating & hard disk power off protection technologies
- ✓ SD card backup
- ✓ Connection with storage units such as a fireproof box for disaster recovery backup
- ✓ Outstanding anti-vibration performance and high reliability

t +44 (0) 1246 225 745
e info@visiontrack.com
w visiontrack.com
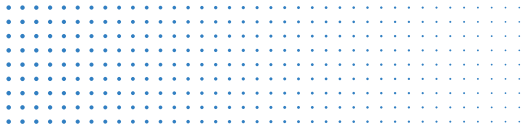**s** support.visiontrack.com

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VT6.3

Specifications:

System	Operating System	Linux
	Control Mode	Monitor (VT-CP4), mouse, EasyCheck, network (3G/4G/WIFI)
Video	Input	6 channels AHD + 2 channels IPC (PON power supply)
	Output	1 channel CVBS + 1 channel VGA
	Total Resource	AHD: 6x1080P@20FPS (PAL/NTSC)
		IPC: 2x1080P@30FPS
Audio	Input	6 channels AHD + 2 channels IPC
	Output	1 channel
Display	Display Split	1/4/9 screen display
	Screen Display	Time/date, number plate, vehice number, alarm, speed, location information, channel name, ACC information
	Operating Interface	GUI
Recording	Audio/Video Compression Format	Video: H.264/H.265
		Audio: ADPCM,G.711U,G.711A
		AHD:
		PAL: 1080p (1920 x 1080), 720p (1280 x 720), WD1 (928 x 576), WHD1 (928 x 288), WCIF (464 x 288), D 1 (704 x 576), HD1 (704 x 288), CIF (352 x 288);
		NTSC: 1080p (1920 x 1080), 720p (1280 x 720), WD1 (928 x 480), WHD1 (928 x 240), WCIF (464 x 240), D1 (704 x 480), HD1 (704 x 240), CIF (352 x 240);
		IPC: 1080p (1920 x 1080), 720p (1280 x 720);
	Image Quality	Levels 1–8 adjustable (preferably Level 1)
	Recording Mode	Startup/Scheduled/Alarm event recording
	Alarm Recording Delay	0–30 min
Playback	Playback Channel	1 channel local playback , 1/4/9 channel in WEB playback
	Search Mode	By date/time, channel, or event
Network	3G/4G	EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE (optional)
	Wi-fi	Supported protocol: 802.11a/b/g/n/ac
	Ethernet	1 x RJ45 (10/100 M)
Positioning	GPS/BD	Positioning, speed detection, and time synchronisation
Sensor	G-sensor	Built-in 6-axis inertial sensor
Storage	HDD	1 x 3.5" SATA HDD + 1 x M.2 SSD, hard disk heating supported
	SD	Hot swapping 32/64/128/256 GB SDXC
Port	USB	1 x USB 2.0 (5-pin aviation connector) + 1 x USB 2.0 (Type A)
	SD	1 x SD card slot
	SIM	1 x SIM card slot
	Serial Port	2 x RS232, 2 x RS485

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Rear Panel
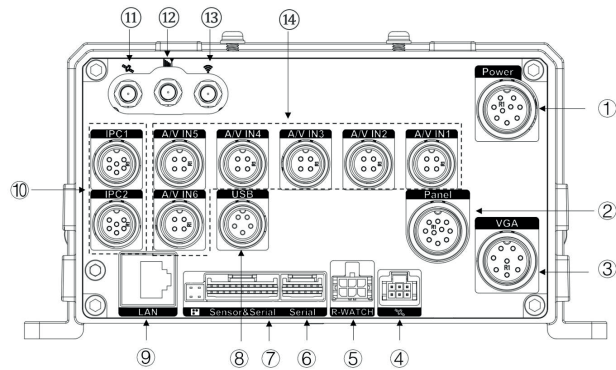
①	**Power**	Power input
②	**Panel**	VT-CP4 port
③	**VGA**	VGA port
④	🛰	External positioning module port
⑤	**R-WATCH**	R-WATCH port
⑥	**Serial**	Serial port
⑦	**Sensor & Serial**	I/O ports & Serial port
⑧	**USB**	USB interface
⑨	**LAN**	LAN port
⑩	**IPC1~IPC2**	IPC (PON power supply) audio/video input ports 1-2
⑪	🛰	Internal positioning module port
⑫	📶	3G/4G antenna port
⑬	📶	Wi-fi antenna port
⑭	**A/V IN1~A/V IN6**	Analog audio/video input ports 1 to 6
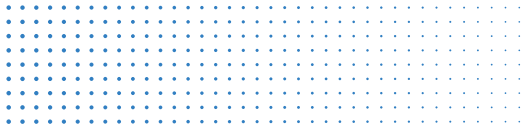
VT6.2

Specifications:

Port	CAN	1 x CAN
	IO	8-channel input and 2-channel output
	Pulse Speed Detection	1 channel
	Control Panel	VT-CP4
	Intercom	1 x MIC port (VT-CP4)
	VGA	1 x VGA
Power Supply	Input	DC 8-36V
	Output	5V @ 500 mA & 12 V @ 500 mA
	Maximum Typical Power Consumption	45 W
	Standby Power Consumption	≈ 0 W
Physical Characteristics	Dimensions (mm)	348.4 x 189.5 x 95 7 (with rear shield and bracket)
	Weight (kg)	3.0 kg (without hard disks)
Environment	Operating Temperature	–40°C to +70°C (heated, without hard disks)
	Operating Humidity	8% to 95% (non condensing)

Front Panel
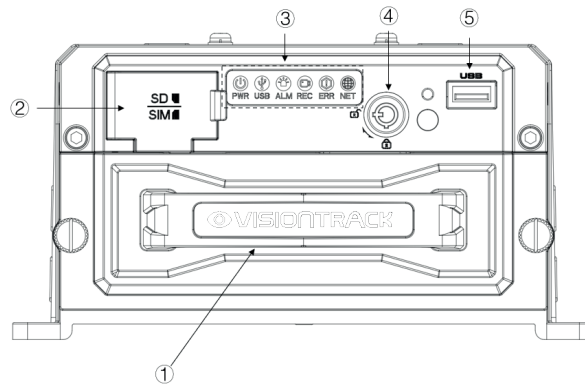
①	Hard disk case (for holding a hard disk)
②	SD/SIM card slot
③	Indicator: power (PWR), USB, alarms (ALM), recording (REC), errors (ERR), network (NET)
④	Device lock
⑤	USB interface