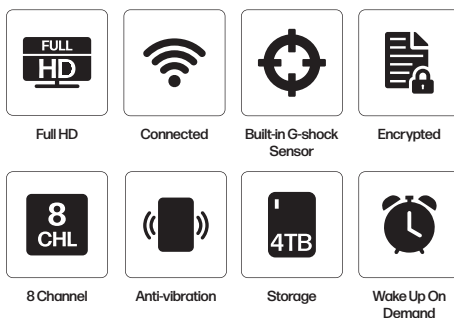# VISIONTRACK

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

- ✓ Supports 6-channels AHD (1080p) + 2 channels IPC (1080p)
- ✓ Hard disk for main and sub stream recording
- ✓ GPS, WiFi and 4G connectivity
- ✓ Modern, ruggedized housing
- ✓ 3.71(L) x 7.46(W) x 3.76(H) inches (with rear shield and bracket)
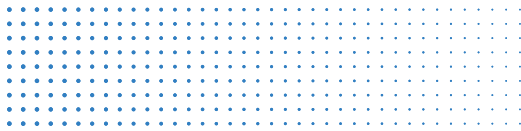
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VT6.3

Specifications:

Operating System	Linux
Control Mode	Monitor (VT-CP4), mouse, EasyCheck, network (4G/WIFI)
Input	6 channels AHD + 2 channels IPC (PON power supply)
Output	1 channel CVBS + 1 channel VGA
Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Input	8 CH (6 channel AHD + 2 channel IPC)
Output	1 CH
Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7k
Display Split	1/4/9 Image display
OSD	GPS, Alarm, Vehicle Number Plate, Speed, Time, etc.
Operation Interface	Semi-transparent GUI
Video/Audio Compression	Video: H.264/H.265
	Audio: ADPCM, G.711A G.711U
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),
	NTSC: 1080P(1920X1080), 720P(1280X720), WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480),
	HD1(704x240),CIF(352x240); Digital: 1080P(1920X1080), 720P(1280X720)
Image Quality	8 adjustable levels (Level 1 is the best)
Recording Mode	Schedule/Alarm(sensor trigger, speed, acceleration, video loss, temperature)
Pre-recording	Digital: 1080P(1920X1080), 720P(1280X720)
Playback	0-60min
Playback Channel	1/4 channel by local playback, supports WEB 1/4/8 channel by local playback
Search Mode	Date/time, channel, event
3G/4G	EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE optional
WIFI	802.11b/g/n
Ethernet	RJ45 x 1(10/100M)
IPC Ethernet	2 x 6-pin DIN JACK (10/100M PON port, power supply), 2 x 6-pin DIN JACK (10/100M Network port, no power supply)
GPS	Location tracking, speed detection and time sync
Sensor	
G-Sensor	Built-in 6-axis inertial sensor
HDD/SSD	1 × 3.5" SATA HDD + 1 × M.2 SSD, hard disk heating supported
SD	Supports SDXC 32GB/64GB/128GB/256GB, plug and play
USB	1 × USB2.0 (5pin aviation connector) + 1 × USB2.0 (Type A)
SD	1 x SD slot
SIM	1 x SIM slot
Serial	2 x RS232, 1 x RS485, 1 x CAN
I/O	8 inputs, 2 outputs
Speed	1 channel pulse speed detection
Control Panel	Monitor (VT-CP4)
Intercommunication	1 MIC port (Monitor/VT-CP4)
Input	DC 8~36V, ACC
Output	5V@500mA & 12V@500mA
Max Power Consumption	45W (not include cameras, screen and HDD)
Standby Power Consumption	≈0W
Image Quality	8 adjustable levels (Level 1 is the best)
Dimension (L × W × H)	348.4 x 189.5 x 95 7 (with rear shield and bracket)
Weight	3.0kg (not including HDD)
Operating Temperature	-40ºC ~+70ºC (with heating and no HDD)
Operating Relative Humidity	8%-95% (No condensation)