# VT5500-G

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### 5-CHANNEL FULL HD 1080P MOBILE DVR

The **VT5500-G** is a full HD 1080p ruggedised, 5-channel mobile digital video recorder (MDVR) designed for vehicle surveillance and monitoring, with built-in connectivity, advanced video compression, GPS positioning technology for live tracking and Wi-Fi for wireless data upload. 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.



Powered by **VISIONTRACK**

| 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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## VT5500-G

## Key features:

| | | | |
|---|---|---|---|
| **FULL HD** Full HD | Connected | Easy Maintenance | Encrypted |
| **5 CHL** 5 Channel | Anti-vibration | **1TB** Storage | Lockable Case |
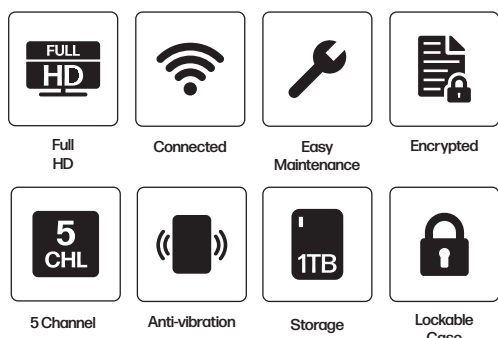
- Supports 4 channels AHD (1080P) +1 channel IPC (1080P)
- Supports hard disk for main recording
- Built-in three-axis inertial sensor
- Supports GPS, Wi-Fi and 3G/4G
- Alarm integration for central monitoring
- Vibration-resistant design
- Fully integrates with VisionTrack Platform

## Specifications:

| | | |
|---|---|---|
| **System** | OS | Linux 3.18.20 |
| | Control Mode | Easy check, network, VT-CP4, mouse (3G/4G/WIFI) |
| **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 |
| | OSD | GPS information, alarm, vehicle no., speed, date/time |
| | Operation Interface | Semi-transparent GUI |
| **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 | Boot up/Schedule/Alarm |
| | 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:

| Category | Feature | Value |
|---|---|---|
| **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 | Location tracking, speed detection and time sync |
| **Sensor** | G-Sensor | Built-in three-axis inertial sensor |
| **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 |
| | Speed | 1 channel pulse speed detection |
| | Control Panel | Optional VT-CP4 |
| | Intercommunication | 1 MIC interface |
| **Power** | Input | DC8-36V, ignition signal |
| | Output | 5V@1A |
| | Max Power Consumption | 32W |
| | Standby Power Consumption | ≈0W |
| **Environment** | Operating Temperature | -400C- +700C (With heater) or -100C- +700C |
| | Operating Relative Humidity | 8%-90% (No Condense) |

## Physical dimensions*:

Front panel
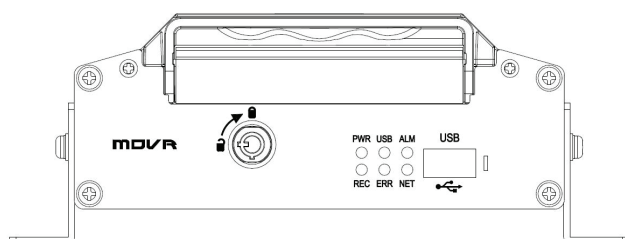
Rear panel
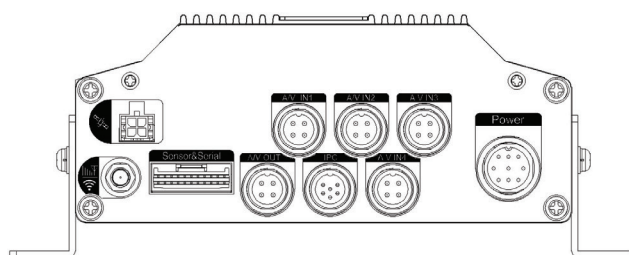


Dimensions: 206.0 x 170.0 x 70.5mm (L x W x H)

Weight: 1.24Kg (with hard disk)