

# MoviSight

## MS-NVR72410M-V21

Vehicle NVR / Wireless Mobile Encoder



### Features

#### Excellent Video Transmission

- MS-WTP protocol for 3G / 4G transmission, improves the video stream continuity under unstable network
- H.265 video codec, saves up to 50% bandwidth and storage

#### High Reliability

- Embedded Linux
- Low power consumption
- Aviation plug design for Ethernet, video, audio, control signal and power supply
- Fan-less design with heat dissipation shell
- Shock-proof design, protects the HDD while vehicle is being driven

#### Easy to Use

- Pluggable HDD drawer, easy to change HDD module
- HDD module support USB interface, easy to backup record

#### Abundant functions and features

- 4 Channel IP Camera + 4 Channel Analog Camera access
- Built-in Wi-Fi AP module, can access Wi-Fi IP camera and PAD
- All mobile networks supported
- Built-in GPS module
- Supports dual SIM card bundle

### Specifications

	MS-NVR72410M-V21
<b>Camera Input</b>	
IP Camera	4 Channel
Analog Camera	4 Channel
<b>Video</b>	
Compression Format	H.265 / H.264
Resolution	4MP, 1080p, 720p, D1, CIF, QCIF
Dual Stream	Supported
Video Frame Rate	1 ~ 30fps
Bitrate	64Kbps ~ 4Mbps
<b>Audio</b>	
Compression Format	G.711a / G.711u / ADPCM / AMR / G.722.1c / AAC-LC
Bit rate	24Kbps ~ 64Kbps
Audio Function	Bi-directional audio / AEC / Mute / Dumb / Remix
<b>Storage</b>	
HDD	1 x 2.5" hard disk (hard disk drawer), Max. 4TB
Memory Slot	SD slot, supports up to 128GB
<b>Network</b>	
Network Protocol	TCP/IP, ARP, FTP, TELNET, HTTP, RTP/RTCP, SNTP, VSIP, KWTP, IPv4, IPv6 (optional)
Function	NAT / Multiple network access / Packet loss recovery
Wireless	3G (optional) / 4G (optional) / Wi-Fi
	FDD-LTE: B1 / B2 / B3 / B5 / B7 / B8 / B20
	TDD-LTE: B38 / B39 / B40 / B41
3G / 4G Frequency Band	HSPA / UMTS: 850 / 900 / 1800 / 1900 / 2100MHz
	GSM / GPRS / EDGE: 850 / 900 / 1800 / 1900MHz
	TD-SCDMA: B34 / B39
	EVDO/CDMA: BC0 / BC1
Wi-Fi	802.11b/g/n 2.4G, Wi-Fi AP
Location Technology	GPS, GLONASS (optional), Beidou (optional)
<b>Interfaces</b>	
Ethernet	1 x RJ45, 10Base-T/100Base-TX
Audio In / Out	1 x Mic in, 1 x Mic out
	4 x 10 pin: 4 x Video input / 4 x Audio input, 4 x DC12V / 1A Output, 4 x RJ45
Aviation Plug	1 x 4 pin: Power supply for PTZ Camera
	1 x 10 pin: Video output
	1 x 9 pin: Power input 9 ~ 36V DC
Alarm In / Out	4 x Input / 1 x Output
Control	1 x RS485, 1 x RS232
Antenna	1 x Wi-Fi Antenna interface, 1 x GPS Antenna interface
Extension	3 x Extension module slot (supports 3G / 4G module, GLONASS / Beidou module)
<b>Environmental</b>	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 85%
Elevation	-60m ~ 5000m
<b>Electrical</b>	
Power	9 ~ 36V DC wide range input
Power Consumption	12V DC input
	15W (HDD not included)
<b>Mechanical</b>	
Weight	2.6kg / 5.73lb
Dimension	252 x 188.4 x 60mm / 9.92" x 7.42" x 2.36"
<b>Accessories</b>	
Standard	1 x Wi-Fi Antenna, 1 x GPS Antenna, 7 x Aviation plug connector cable, 1 x USB cable
Optional	3G / 4G Module, Mounting Box, HDD Box, Android Pad

### Dimensions

Units:mm

