

NVR-M704GCW

4 Channel 3G GPS PoE Mobile Network Video Recorder



- Up to 4 channel with 1080P realtime live view
- H.264 dual-stream video compression
- HDMI/VGA/TV simultaneous video output
- Support 2 SATA HDD, 2 USB3.0
- Aviation connectors adopted(4 M12 POE connectors optional)

System Overview

Rugged and robust, with a vibration dampening design, this mobile series of NVRs is specifically engineered for installation in ships, cars, trucks, and other 'rough-and-tumble' environments. The mobile NVR utilizes 2 'laptop' grade HDD in conjunction with a vibration dampening drive cradle, to create a rugged mobile video recording solution.

Anti-vibration

Using a shock-absorbing material and a newly-designed structure, the hard disk enclosure can withstand varying degrees of vibration, allowing normal operation in the most extreme mobile applications.

Wide Range Power Supply

The mobile NVR accepts a wide voltage range (6 VDC to 36 VDC) to accommodate the voltage output from a vehicle battery. The voltage range protects the NVR from fluctuating power output from the vehicle battery during operation.

3G

Embedded with an optional 3G module, the mobile NVR can register into a public network, connect with a VMS, and transmit video, audio, alarm, and GPS information through a wireless network.

GPS

The mobile NVR offers an optional embedded GPS module that receives location information and uploads the vehicle's position to a VMS. The VMS can plot the position on a map so the position and the path of vehicle can be monitored.

Multiple ports

The mobile NVR supports CAN, RS232, RS485, and I/O ports to connect the recorder to accessories, such as card readers, fuel sensors, and emergency buttons. This information, along with video, audio, alarm, and location information can be uploaded to a VMS.

Technical Specification

System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Video

Input	4 channel
Standard	NTSC, PAL

Audio

Input	1 channel, RCA
Output	1 channel, RCA
Two-way Talk	1 channel Input, 1 channel Output

Display

Interface	1 HDMI, 1VGA, 2TV
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression	H.264 / MJPEG
Image Resolution	1080P (1920×1080) / 720P (1280×720) / D1 (704×576/704×480))
Record Rate	100/120fps@1080P
Bit Rate	48~8192Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection & Alarm

Trigger Events	Recording, PTZ, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank
Alarm Input	8 channel
Relay Output	3 channel

Playback & Backup

Sync Playback	1/4
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Network/Internal HDD

Network

Ethernet	RJ-45 port (10/100M/1000M)
PoE	4 ports(IEEE802.3af/at)
Wireless Network	Built-in 3G/4G/Wi-Fi module(optional)
GPS	GPS(optional)
Network Functions	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter
Max. User Access	128 users
Smart Phone	Android, iOS, iPhone

Storage

Internal HDD	2 SATA ports up to 4TB
HDD Mode	Single
External HDD	1 eSATA port
Memory Slot	SD card

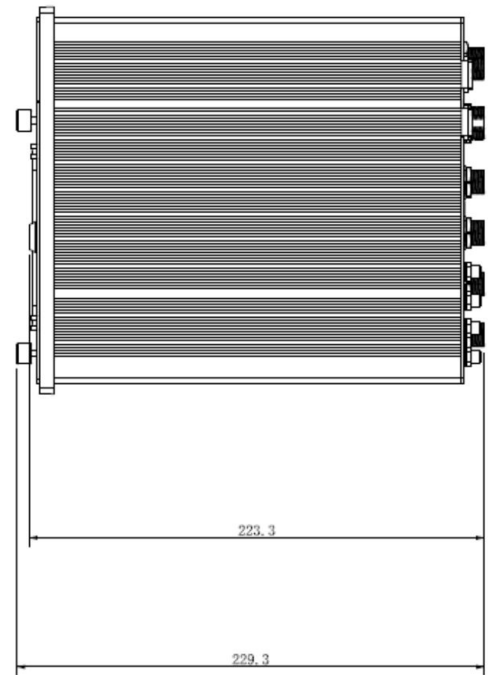
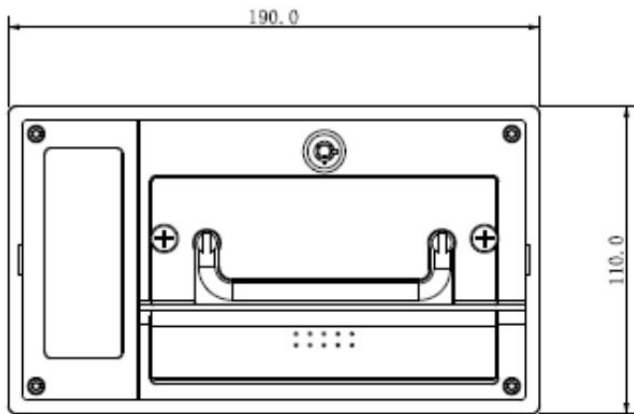
Auxiliary Interface

USB	3 ports, 2USB 3.0
RS232	1 port
RS485	1 port
G-Sensor	Supported
UPS	Supported

General

Power Supply	NVR: 6V~36V
Power Consumption	<15W
Working Environment	-30°C ~ +60°C(-22°F ~+160°F)/ 10~90% RH / 86~106kpa
Dimensions (W×D×H)	7.09"×8.19"×3.94"/180mm×208mm×100mm
Weight	6.61lbs/3kg (without HDD)

Dimensions (mm/in)



Panels

