

1.0 Manufacturer

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2.0 Description

Mobile Network Video Recorder, NVR408M, is designed for use in moving vehicles, remote locations, or rugged environments working in harsh and demanding conditions to deliver quality video surveillance solutions.

Rugged compact design with GPS navigation option available.

Typical usage include trains, buses, trucks, cars, airplanes, ships, and other applications suiting law enforcement or public transport solutions.

NVR408M is EN50155 certified product, which ensures the use of railway application and able to withstand severe vibration and shock.

Manufacturer shall warrant the NVR408M, NVR Series, to be free from defects in material and workmanship for three years from the installation date.

3.0 General Specifications

NVR shall support 1 / 4 / 8 / 9, freeze at split screen.
NVR shall support USB multi-touch screen.
NVR shall support 45 Mbps maximum network throughput.
NVR shall support up to 64X on live and playback at digital zoom.
NVR shall support network camera, ONVIF Profile S.

NVR shall support 1080P / 720P / D1 / VGA / CIF recording resolution.
NVR shall support 1080P / 720P / D1 / VGA / CIF recording video.
NVR shall support external alarm / motion detection / schedule / manual recording.
NVR shall support recording schedule with 7 days * 24 hours time table, recording mode configurable.
NVR shall support recording day calculator.

NVR shall support alarm event actions for DI * 2 and DO* 2 (NO/NC), external alarm, IP loss, stop recording, power recovering, motion detection, schedule, logon, HDD format, HDD ERROR, S.M.A.R.T.
NVR shall support alarm / event motion grid 20 x 12 each channel, 8 sensitivities.
NVR shall support full alarm, configuration, and operation reports exporting over HTTP or USB.
NVR shall support email alarm notification with JPEG attachments.

NVR shall support 1080P / 720P / D1 / VGA / CIF playback resolution feature for live monitoring and video playback.
NVR shall support 1080P / 720P / D1 / VGA / CIF playback max frame rate
NVR shall support fast rewind 2x ~ 64x / fast forward 2x ~ 64x playback speed.

NVR shall support Internal HDD SATA Port *1 (2.5" HDD or SSD HDD).
NVR shall support USB flash disk backup, up to 16 GB supported.
NVR shall support network backup via HTTP file download / audio supported.
NVR shall support external USB DVD/ RW
NVR shall support multiple NVRs FTP file download and multi-channel playback.

NVR shall support 1920 x1080P HDMI output.
NVR shall support audio output of RCA x 1.

NVR shall provide network ports of 100Mbps LAN, M12 *1.
NVR shall support direct internet browser access and multiple users access.
NVR shall support ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP / ONVIF Profile S protocols.
NVR shall support PTZ protocol via HTTP / ONVIF.
NVR shall support live, event log & time search playback, AVI internet browser setting.
NVR shall provide HTML NVR status.

NVR shall support iPhone, iPad, Black Berry and Android mobile phone.
NVR shall support IP scan supported, automatic quick IP address setup for IP cameras.
NVR shall provide user authentication with feature configurable.
NVR shall support English, Chinese, French, German, Polish, Italian, Spanish, Portuguese, Arabic, Russian, Turkish, Simplified Chinese.

NVR shall support record external metadata via USB to RS-232 cable, display at live and playback.
NVR shall support extra IR extension connector.
NVR shall support remote controller addressable up to 255 NVRs.
NVR shall support USB, mouse-click, mouse scroll, mouse drag.

NVR shall provide CPU of ARM Cortex A9 Processor @ 600 MHz CPU.
NVR shall provide OS of embedded Linux Kernel 2.6.
NVR shall provide WDT of hardware watchdog timer.
NVR shall support daylight saving time.
NVR shall support backlight saving with LCD.
NVR shall provide power supply of DC 9 ~ 34V over voltage protect.
NVR shall work within operating temperature of -20°C ~ +60°C.
NVR shall work within operating humidity of 5% ~ 80%.
NVR shall not exceed dimensions of 182 × 170 × 60 mm.
NVR shall not exceed weight of 1.5 kg without hard drive.

4.0 Installation

All equipments shall be tested and configured based on the manufacturer guide line prior to installation
All the products shall be updated for the latest firmware.
All the products shall be changed for the default username and password prior to installation.

5.0 Environmental Green Policy

The specified camera shall be manufactured in accordance with ISO 14001.
The specified camera shall be compliant with the EU directives RoHS and WEEE.
The specified camera shall be compliant with the EU regulation REACH.

END OF SECTION