



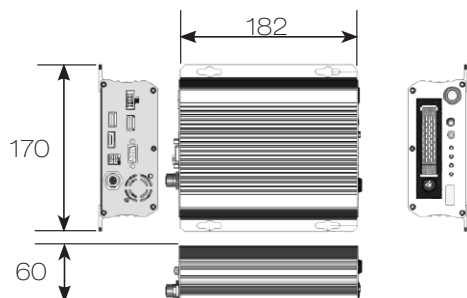
Mobile Network Video Recorder, NVR408M, is designed for use in moving vehicles, remote locations, or rugged environments working in harsh and demanding conditions to deliver quality video surveillance solutions. Rugged compact design with GPS navigation option available. Typical usage include trains, 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.

FEATURES :

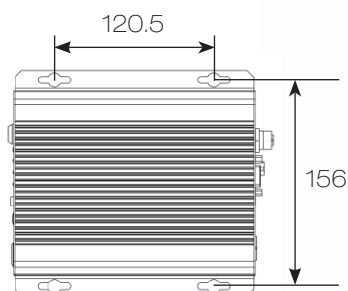
- GPS communications
- EN50155 certification – withstand severe shock and vibration
- Easy installation and rugged design
- Outstanding recording performance
- Suitable for public & commercial transportation applications
- Maintains superior performance even in the toughest conditions

DIMENSIONS : (Unit : mm)

182 x 170 x 60



INSTALLATION HOLE SITE DIAGRAM :



SPECIFICATION :

Name	H.264 1080P Real-time Multi-touch Vehicle Standalone NVR	
Models	NVR408M	
IP video input	Supports	Network camera / ONVIF Profile S / DVR / NVR / Video encoder / Navigator
	Input	9 CH
	Resolution	1080P / 720P / D1 / VGA / CIF
	Maximum Frame Rate	225 FPS
Video output	Output	HDMI / VGA 1080P
	Split Screen	1 / 4 / 8 / 9 split division, sequence mode, freeze
	Digital Zoom	Up to 64x on live and playback
	Backlight Saving	LCD backlight saving mode
	Multi-touch	Support USB multi-touch screen
Recording	Encode Format	H.264
	Maximum Network Throughput	45 Mbps
	Resolution	1080P / 720P / D1 / VGA / CIF
	Frame Rate	Single channel up to 1080P 25 FPS record
	Recording Mode	Manual, schedule (continue, event, none)
	Recording Schedule	Each channel 7day × 24 hours time table, recording mode configurable
	Alarm Event Actions	Motion grid (20×12, multi-level sensitivities) / network camera event / DI
	Alarm Notification	Alarm notification iOS 、 android / E-Mail / FTP / buzzer / DO
Playback	Search	Alarm event / Operation event / System event / Meta data event / Time search
	Display	9CH synchronous playback
	Max. Division Display	225 FPS
	Resolution	1080P / 720P / D1 / VGA / CIF
	Max. Frame Rate	Up to 1080P 25FPS
Storage	Speed	Fast rewind 2× ~ 64× / Fast forward 2× ~ 64× / Step Forward / Slow motion 1/2 ~ 1/16
	Internal HDD / Swap Drive Bay	SATA Port ×1 (2.5-inch HDD or SSD HDD); Removeable 2.5" SATA HDD Tray
Backup	USB Flash Disk	Up to 32 GB supported
	Network Backup	Via HTTP / FTP / Network Places
	DVD DVD/RW	External USB DVD / RW
Audio	Audio Input	9 CH (Network camera), G.711 8K
	Audio Output	RCA × 1 (0.7Vp-p, 300 Hz to 3KHz)
Network	Ports	100Mbps LAN, M12 ×1
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / RTP / RTSP / DHCP /Onvif Profile S
	Web	Direct internet browser access / Multiple users access
	Mobile Phone	iOS / Android supported
	P2P	APP scan QR Code / UID connection
	RTSP Service	RTP UDP/ RTSP TCP supported
	IPScan / WS-Discovery	WS-Discovery and IP Scan, automatically quick IP address setup for network cameras
	Web access	Live / playback / backup / menu configuration / event log
	VMS	Navigator
Software	Backup / Playback	Multiple NVRs FTP file download and multi-channel playback
Alarm	Alarm/event (Ports)	DI × 2 and DO × 2 (NO/NC)
System	Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	Language	Arabic, Traditional Chinese, Simplified Chinese, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish
	HDD Inspection	S.M.A.R.T monitoring / File system de-fragmentation
	Recording Day	Recording day calculator
	Time	Daylight saving / NTP / External USB GPS time sync / Keyboard
Accessories	PTZ Protocols	HTTP / ONVIF
	USB to RS-232	Record external metadata via USB to RS-232 cable, display at live and playback
	RS-232	Yes
	Remote Control	Remote controller addressable up to 255 NVRs
	IR receiver	Extra IR extension connector
	Mouse	Mouse click, drag and scroll
Others	USB GPS Receiver	Support
	CPU	ARM Cortex A9 600 MHz
	OS	Embedded Linux Kernel 2.6
	WDT	Hardware watchdog timer
	CE	Yes
Power and working environment	FCC	Yes, EMI Class A
	Power	DC 9 ~ 34V Over voltage protect
	Working Env.	Temp : -20°C ~ +60°C / Humidity : 0% ~ 80%
	Dimension (W×L×H)	182 × 170 × 60 mm
	Weight	≈1.5 KG (Without hard drive)



No liability will be accepted for any errors or omissions. Design and specifications are subject to change without notice.