

NVR203-004/008

4CH/8CH Network Video Recorder



Embedded Linux, H.264, 1080p, local display, pentaplex operations, plug and play, dual network interfaces, remote management

The NVR203-004/008 is a versatile yet affordable network video recorder (NVR), targeting at analog users wishing to migrate to IP surveillance but unfamiliar with the technology. No complicated network settings or additional computer required, the Linux-based NVR solution supports plug-and-play with the selected MESSOA NVR-ready megapixel cameras and can be easily set up in three simple steps just like a DVR system. Taking advantages of the network video technology, the NVR provides high-quality video local display and recording up to 1080p resolution in H.264 compression, along with remote access through web, CMS and mobile APP. The NVR203-004/008 is a perfect entry-level IP solution for small-scale installations such as residences, small businesses, and offices.



Plug and Play, as easy as DVR

Hassle-free installation in three simple steps. Simply connect all the MESSOA cameras and devices, turn on the system with the zero-configuration, one-click setup, and the system is ready to go without the need for any complicated wiring or network configuration.



1080p Local Display via HDMI

Operation also requires no effort as the NVR supports local display through either VGA or HDMI. High-definition video streamed from the megapixel cameras in maximum Full HD 1080p resolution can be viewed live right on the local screen.



1080p Real-time Recording at 25/30fps

Record superior quality video streams up to 1080p resolution at high frame rates provided in H.264 compression, delivering greater detail and much smoother video display for better identification and view experience than conventional CCTV systems.



Pentaplex Multi-task

The robustness and stability of the embedded Linux NVR system allows for five simultaneous operations at the same time, including local live view, recording, setup, network configuration and data backup for meeting the multi-tasking surveillance needs.

Specifications

System	4 Channel	8 Channel
Operating System	Embedded Linux	
Operations	Live, Recording, Playback, Backup & Remote access	
Control Mode	USB mouse, Webpage, CMS	
Video		
Decompression	H.264 HP/MP/BP, up to 1080p@30fps30	
IP Camera Inputs	4 channel; each one is up to 1080p@30fps	8 channel; each one is up to 1080p@30fps
Audio		
Input	1 x RCA	
Output	1 x RCA	
Audio Recording	Yes	
Display		
Display mode	Full screen/Multi-screen/PIP/Sequence	
Output	1 x HDMI(1920x1080, 60Hz), 1 x VGA(up to 1920x1080, 60Hz)	
Sequence	Yes	
OSD	GUI	
Remote View	Yes, Via IE Web Viewer, CMS	
Mobile Viewing on Smartphone/Tablet PC	Yes(iOS & Android)	
Recording		
Recording Mode	Continuous, scheduled, alarm, motion	
Recording Capability	Up to 120 fps at Full HD(1920x1080)	Up to 240 fps at Full HD(1920x1080)
Pre Recording	5 seconds	
Post Recording	0 ~ 255 seconds	
Playback & Backup		
Display mode	Full screen/Multi-screen	
Playback capability	4 channel simultaneous playback	8 channel simultaneous playback
Playback control	Play/Pause/Step/Fast forward/Rewind/Fast rewind	
Search Control	By Camera, Date/Time, Events	
Export	Through USB/Webpage/CMS	
Internal Storage*	Up to 3 x SATA HDDs	
Network		
Support	TCP/IP,SMTP,DHCP,DDNS,PPPoE,UDP,SSL,RTP,RTSP,NTP	
Ethernet	1x10/100Mbps(WAN), 1x10/100/1000Mbps(LAN)	
I/O		
USB	2 (1 for mouse control and 1 for backup)	
Alarm	4 Alarm in/ 1 Alarm out	8 Alarm in/ 2 Alarm out
RS485	1; Support Pelco D, Pelco P	
Security		
Watermark	Yes	
User Privilege	3 Levels of User Access Support	
Environmental		
Power Supply	Input: AC100~240V, 50 / 60 Hz Output: DC12V / 7.5A	
Dimensions	355(W) x 72(H) x 264(D) mm ± 5mm	
Temperature	0°C ~ 40°C	

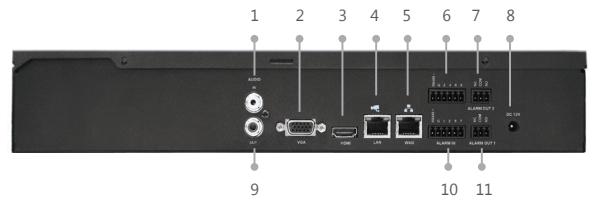
*SATA HDD not included

Front Panel



- 1 Power Key
- 2 Hard Disk LED
- 3 Alarm LED
- 4 Status LED
- 5 Record LED
- 6 WAN LED
- 7 LAN LED
- 8 Channel LED
- 9 USB 2.0 Ports

Rear Panel



- 1 Audio In
- 2 VGA Output
- 3 HDMI Output
- 4 LAN Port
- 5 WAN Port
- 6 Alarm In / RS485
- 7 Alarm Out
- 8 Power Input
- 9 Audio Out
- 10 Alarm In / RS485
- 11 Alarm Out

Dimensions

