

# NVR206-016

## 16CH Network Video Recorder



H.264, 1080p, local display, pentaplex operations, plug and play, dual Gigabit interfaces, remote access through web, APP & CMS

The NVR206-016 is a versatile network video recorder (NVR) for managing up to 16 network cameras. No complicated network settings or additional PC required, the Linux-based NVR solution supports plug-and-play with the MESSOA NVR-ready megapixel cameras and can be easily set up just like a DVR system. Taking advantage of the network video technology, the NVR provides high-definition live video and playback up to 1080p resolution, even in a 4CH/8CH multi-channel layout. Remote surveillance is further accessible through web and mobile app. Not only suitable for small- to medium-sized applications, such as retail stores and small offices, the NVR also offers a scalable solution for multi-site management with the free bundled CMS software for projects at a greater scale.



### 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.



### 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.



### 1080p 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.



### Dual Gigabit Network Interface

The NVR is equipped with gigabit LAN and WAN ports for throughput up to 1000Mbps, greatly enhancing the ability to streaming high-bandwidth-required 1080p video with smooth display quality from multiple megapixel cameras simultaneously.



### 1080p Local Display via HDMI

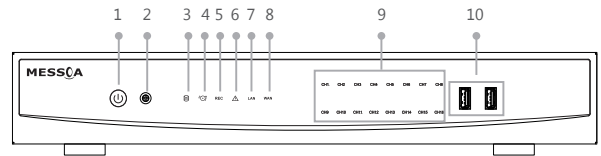
Operation also requires no effort as the NVR supports local display through either VGA or HDMI. High-definition video streamed from the megapixel cameras in maximum Full HD 1080p resolution can be viewed live simultaneously right on the local screen.

## Specifications

System	
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@30fps
IP Camera Inputs	16 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 480 fps at Full HD(1920x1080)
Pre Recording	5 seconds
Post Recording	300 or above seconds
Playback & Backup	
Display mode	Full screen/Multi-screen
Playback capability	16 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 6 x SATA HDDs
Network	
Support	TCP/IP,SMTP,DHCP,DDNS,PPPoE,UDP,SSL,RTSP,RTSPNTP
Ethernet	2x 10/100/1000Mbps RJ-45 ethernet port (WAN & LAN)
I/O	
USB	4; for backup device and mouse control
Alarm	16 Alarm in/ 4 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
Dimensions	430(W) x 66(H) x 380(D) mm ± 5mm
Temperature	0°C ~ 40°C

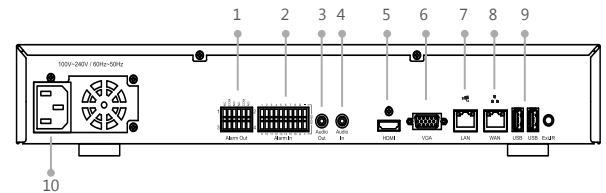
\*SATA HDD not included

## Front Panel



- 1 Power Button
- 2 IR (Reserved)
- 3 Hard Disk LED
- 4 Status LED
- 5 Record LED
- 6 Alarm LED
- 7 LAN LED
- 8 WAN LED
- 9 Channel LED
- 10 USB 2.0 Ports

## Rear Panel



- 1 Alarm Out
- 2 Alarm In / RS485
- 3 Audio Out
- 4 Audio In
- 5 HDMI Output
- 6 VGA Output
- 7 LAN Port
- 8 WAN Port
- 9 USB2.0 Port
- 10 Power Input

## Dimensions

