

NVR401S-8P8

8 Channel 1U 1HDD 8POE Network Video Recorders



Key Features

- 8CH IP video input, up to 12MP
- H.265+/H.265 dual-stream video compression
- Incoming/Outgoing bandwidth: 80Mbps/80Mbps
- Decoding: 8CH 1080P@30fps/4CH 4MP@30fps/3CH 5MP@30fps/2CH 4K@30fps
- Supports mainstream cameras of ONVIF and RTSP protocol
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- AI by camera: SMD, perimeter protection, face detection, etc.



Professional and Reliability

- H.265+ compression effectively reduces storage requirements by up to 75%
- Third-party cloud storage integration -Google Drive and Dropbox for video backup

Stability

- Automatic network replenishment

Third-Party Compatibility

- Supports ONVIF and RTSP protocols for seamless integration with third-party cameras

Smart search and playback

- Smart search and smart playback for the smart events triggered by humans or vehicles

HD Video Output

- Provide simultaneous HDMI and VGA outputs

- HDMI video output at up to 4K resolution

Storage and Playback

- 1 SATA interfaces (up to 14 TB capacity per HDD)
- 8-ch synchronous playback

Network & Ethernet Access

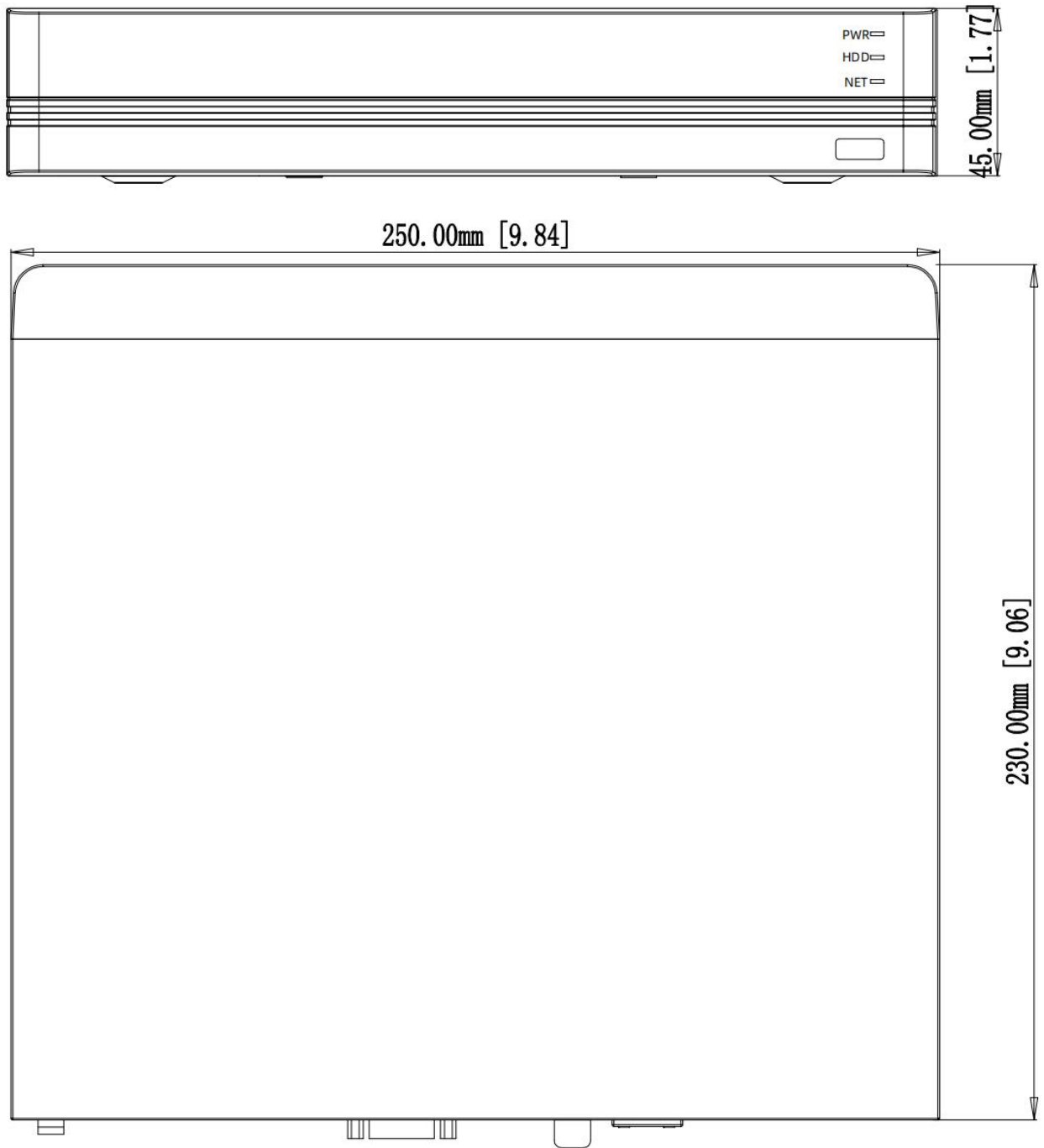
- 8 independent PoE network interfaces supported long distance transmit
- 1 self-adaptive 10/100/1000Mbps Ethernet interface
- Homaxi-view for easy network management

Specification

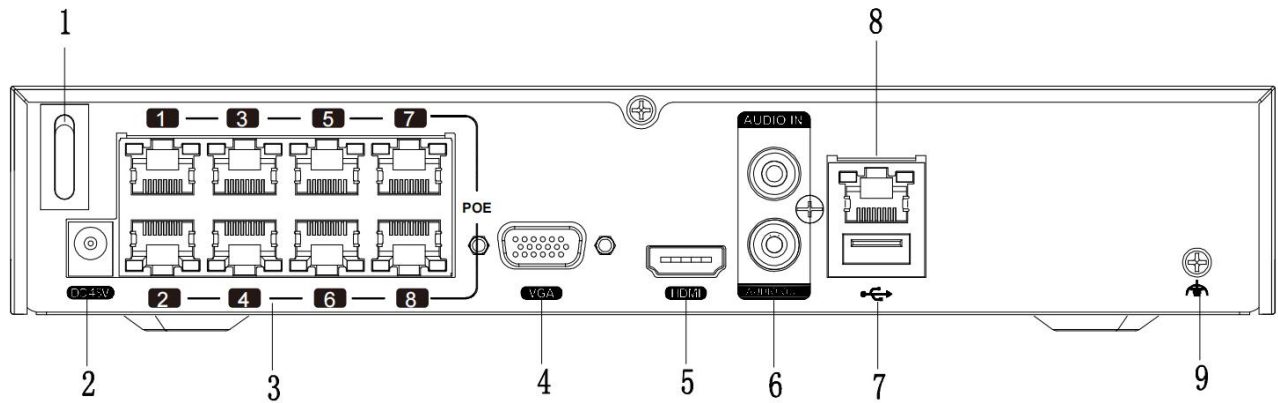
| Video & Audio Input | |
|---------------------------|--|
| IP Video Input | 8 ch |
| Audio Input | 1 ch, RCA |
| Video & Audio Output | |
| HDMI | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz |
| VGA | 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz |
| Audio Output | 1 ch, RCA |
| Recording | |
| Compression | H.265+/H.265/H.264+/H.264 |
| Resolution | 12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF |
| Bit Rate | 64 Kbps ~ 10 Mbps |
| Playback & Backup | |
| Playback Resolution | 12MP/8MP/5MP/4MP/3MP/1080P/720P/D1/CIF/QCIF |
| Decoding Capability | 1 ch @ 12M 20fps 2 ch @ 8M 30fps 3 ch @ 5M 30fps 4 ch @ 4M 30fps 8 ch @ 1080P 30fps |
| Synchronous Playback | 8 ch |
| Playback Mode | Smart Playback/Normal/Time Division/Label/Event |
| Backup Mode | USB Device/Network |
| Advanced Features | |
| Smart Detection By Camera | Area Intrusion, Line crossing, Region Entrance/Region Exiting, Fast Moving, Object Missing, Unattended Object, Loitering Detection, Parking Detection, Face Detection, People Gathering Detection, Blurred detection, Scene change detection, Audio exception detection, SMD, PP |

| | |
|---------------------------|--|
| Smart Playback | Face detection/Line Crossing/Are Intrusion/Motion Detection/Human Detection/Vehicle Detection |
| Cloud Storage | Support |
| Cloud Upgrade | Support |
| Network | |
| Incoming Bandwidth | 80 Mbps |
| Outgoing Bandwidth | 80 Mbps |
| Ethernet | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Protocols | HTTPs, HTTP, TCP/IP, IPv4, UPnP, RTSP, UDP, SMTP, SNMP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF |
| Mobile Surveillance | IOS, Android |
| Hard Disk | |
| SATA | 1 SATA interface |
| Capacity | Up to 14TB capacity for each HDD |
| External Interface | |
| POE Interface | 8 independent 10 /100 Mbps PoE Ethernet interfaces |
| USB Interface | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 |
| Alarm In | N/A |
| Alarm Out | N/A |
| General | |
| Operating Conditions | (-10°C ~ 55°C) (14°F ~ 131°F) Humidity 10% ~ 90% (non-condensing) |
| Power Supply | MAX.10 W (without HDD and POE) |
| Power Consumption | DC 48 V, 2.5 A |
| Dimensions (W × D × H) | 9.84" x 9.05" x 1.77", 1U (250 x 230 x 45 mm) |
| Gross Weight | 3.74 lb (1.7 kg) |

Dimensions



Rear Panel



| No. | Description | No. | Description |
|-----|------------------|-----|------------------|
| 1 | Power Switch | 6 | Audio IN/OUT RCA |
| 2 | Power Input | 7 | USB Port |
| 3 | POE Network Port | 8 | Network Port |
| 4 | VGA Port | 9 | Ground |
| 5 | HDMI Port | | |