NVR602S-16P16

16 Channel 1U 2HDD 16POE Network Video Recorders

Key Features

- 16CH IP Video input, up to 12MP
- H.265+/H.265 dual-stream video compression
- Incoming/Outgoing bandwidth: 160Mbps/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

- Up to 2 SATA interfaces (up to 14 TB capacity per HDD)
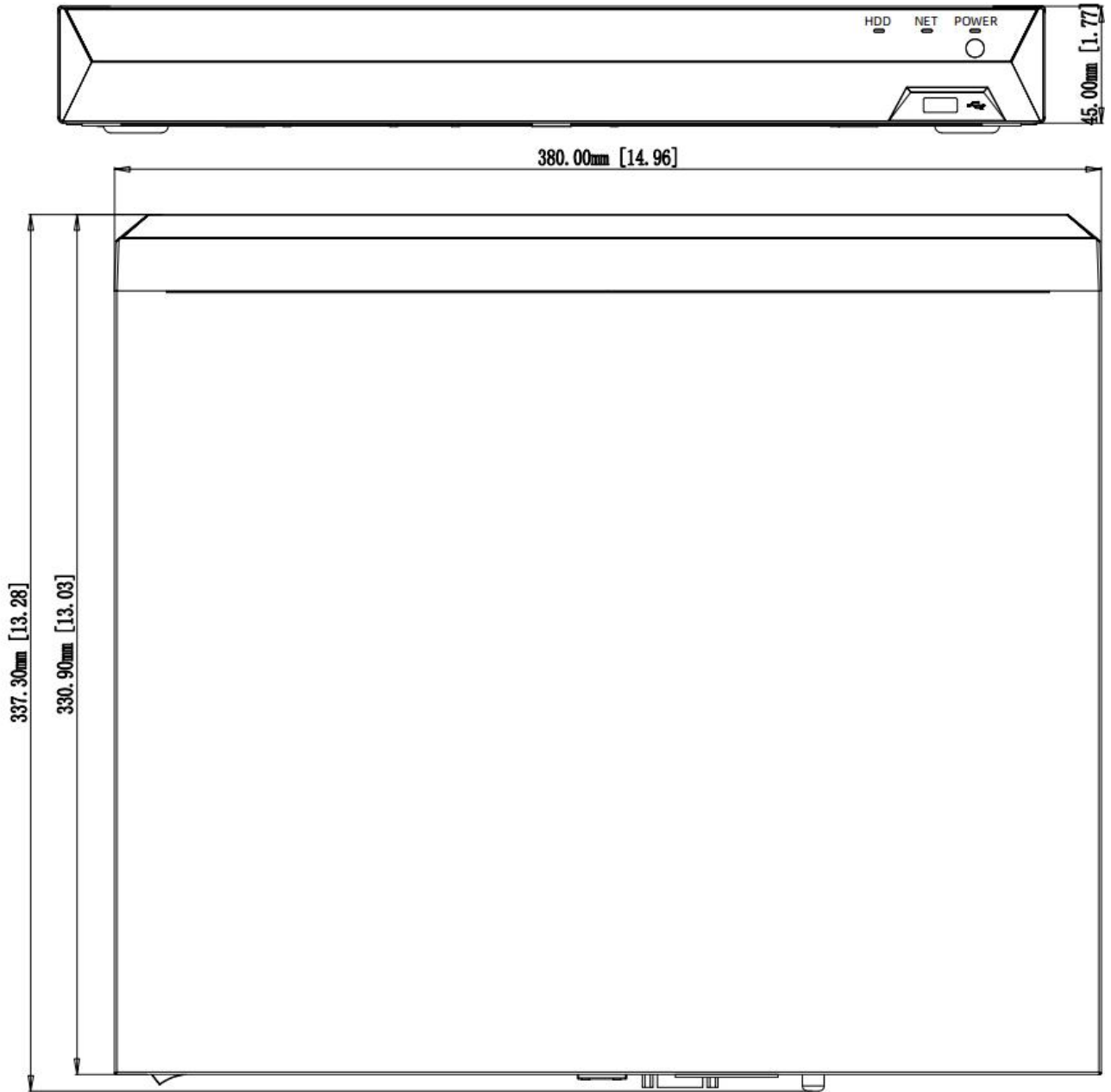- 16-ch synchronous playback

Network & Ethernet Access

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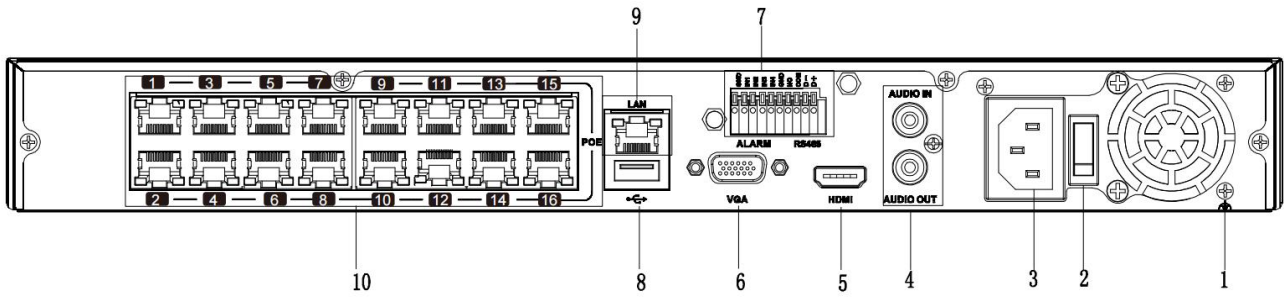- Homaxi-view for easy network management

Specification

Video & Audio Input	
IP Video Input	16 ch
Audio Input	1 ch, RCA
Video & Audio Output	
HDMI	4 K (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 16 ch @ 720P 30fps
Synchronous Playback	16 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 Intrution/Motion Detection/Human Detection/Vehicle Detection
Cloud Storage	Support
Cloud Upgrade	Support

Network

Incoming Bandwidth	160 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, Multicast, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, ONVIF
Mobile Surveillance	IOS, Android

Hard Disk

SATA	2 SATA interface
Capacity	Up to 14 TB capacity for each HDD

External Interface

POE Interface	16 independent 10/100 Mbps PoE Ethernet interfaces
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
RS 485	1
Alarm In	4 ch
Alarm Out	1 ch

General

Operating Conditions	(-10°C ~ 55°C) (14°F ~ 131°F) Humidity 10% ~ 90% (non-condensing)
Power Supply	AC 100~240 V
Power Consumption	MAX. 15 W (without HDD and POE)
Dimensions (W × D × H)	14.96" × 13.03" × 1.77", 1U (380 × 330.9 × 45 mm))
Gross Weight	7.93 lb (3.6 kg)

Dimensions

HDD NET POWER

45.00mm [1.77]

380.00mm [14.96]

337.30mm [13.28]

330.90mm [13.03]

Rear Panel

No.	Description	No.	Description
1	Ground	6	VGA Port
2	Power Switch	7	Alarm Input
3	Power Input	8	USB Port
4	Audio IN/OUT RCA	9	Network Port
5	HDMI Port	10	POE Network Port