

Network Video Recorder NVR302-E2-P Series



Features

- Support Ultra H.265/H.265/H.264 video formats
- 8/16-channel input
- Plug & Play with 8/16 independent PoE network interfaces
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Specifications

Model	NVR302-08E2-P8	NVR302-16E2-P16
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Decoding Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 8 x 1080P@30	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width, For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.	
Audio Compression	G.711A, G.711U	
Network		

Incoming Bandwidth	320 Mbps	
Outgoing Bandwidth	160 Mbps	320 Mbps
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, IPv6	
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
Video/Audio Input		
IP Video Input	8-ch	16-ch
RCA Audio Input	1-ch	
Video/Audio Output		
HDMI Output	4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
VGA Output	1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
RCA Audio Output	1-ch	
Liveview Display	1/4/6/8/9	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16
Two-way Audio		
Two-way Audio	1-ch, RCA (Using the audio input and output)	
Snapshot		
FTP/Schedule/Event Snapshot	16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)	
Recording		
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF	
Synchronous Playback in Local	8-ch	16-ch
Smart		
VCA Detection by IPC	Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring)	
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map	
Smart by IPC	All channels (up to 8 images/s in total)Face Detection, Face Comparison, Vehicle Detection, SIP, UMD, Temperature Detection	
Alarm		
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal	
GUI Language		

GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian	
Hard Disk		
SATA	2 SATA Interfaces	
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)	
External Interface		
Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface	
USB	Rear panel: 1 × USB3.0, Front panel: 1 × USB2.0	
RS485	1	
RS232	N/A	
Alarm In	8-ch	
Alarm Out	2-ch	
Power Supply	AC 100 to 240 V	
Power Switch	Support	
PoE		
PoE Interface	8 RJ45 10 M/100 M self-adaptive Ethernet Interface	16 RJ45 10 M/100 M self-adaptive Ethernet Interface
Max Power	Max 30 W for single port, Max 130 W in total	Max 30 W for single port, Max 240 W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af	
Working Environment		
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	
Working Humidity	≤ 90% RH (non-condensing)	
Power Consumption (without HDD)	≤ 15W	
Dimensions		
Weight (without HDD)	≤ 2.6Kg (5.73lb)	
Dimensions	380mm × 315mm × 53mm (15.0"×12.4"×2.1")	
Certification		
Certification	CE; FCC; UL; RoHS; WEEE	
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035	
FCC	Part15 Subpart B	

Dimensions



2 HDD 1U NVR Rack Mount

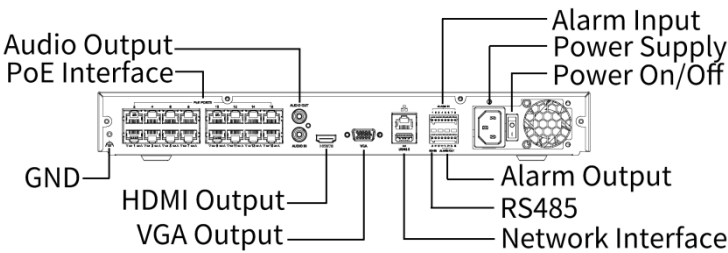


Rear Panel

Diagram illustrating the rear panel connections of the NVR. The panel includes the following ports and interfaces:

- Audio Output
- PoE Interface
- GND
- Audio Input
- HDMI Output
- VGA Output
- Network Interface
- Alarm Input
- Power Supply
- Power On/Off
- Alarm Output
- RS485
- USB

[NVR302-16E2-P16]



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