Network Video Recorder

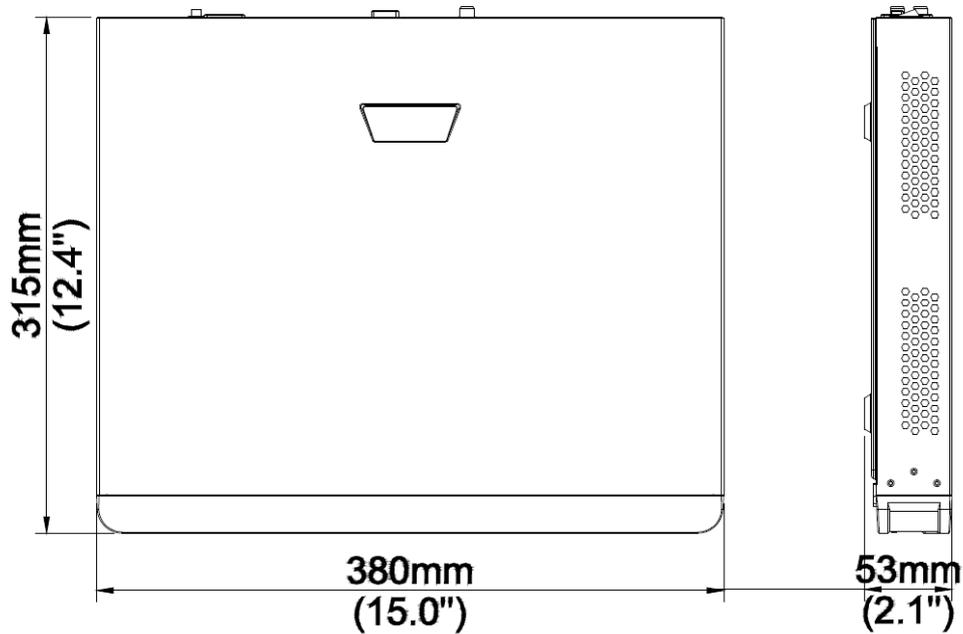## NVR302-E2-P Series

Key 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

- 2 SATA HDDs, Up to 10TB for each HDD

- 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

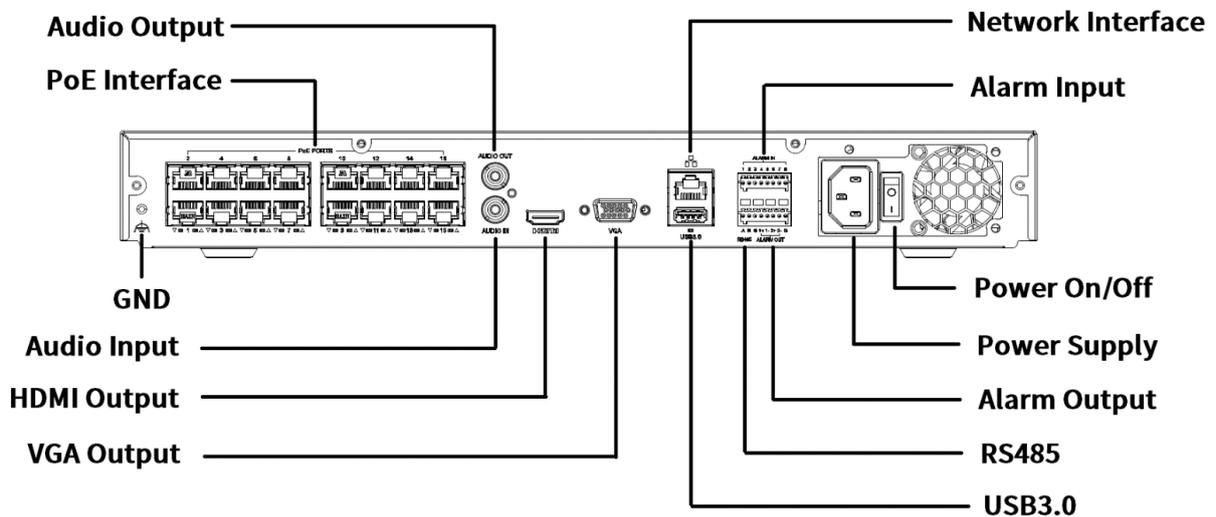| Model	NVR302-08E2-P8	NVR302-16E2-P16
Video/Audio Input		
IP Video Input	8-ch	16-ch
Two-way Audio Input	1-ch, RCA	
Network		
Incoming Bandwidth	320Mbps	
Outgoing Bandwidth	160Mbps	320Mbps
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS	
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows	
Video/Audio Output		
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	8-ch	16-ch
Live View 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
Snapshot		
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution	
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
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
Hard Disk		
SATA	2 SATA interfaces	
Capacity	up to 10TB for each HDD	
eSATA	NA	
Disk Group	Support	
Smart		
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking	

VCA Search	Behavior Search, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Vehicle Detection by Camera	Total 8-ch

General Alarm

General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

External Interface

Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 1 x USB2.0,Rear panel: 1 x USB3.0
RS232	NA
RS485	1
Alarm In	8-ch
Alarm Out	2-ch

PoE

Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 130W in total	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af/at	

General

Power Supply	100~240V AC Power Consumption: ≤ 15W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	380mm × 315mm × 53mm (15.0" × 12.4"× 2.1")
Weight (without HDD)	≤2.6Kg (5.73lb)

Certification

Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017
FCC	Part15 Subpart B, ANSI C63.4

Dimensions

315mm
(12.4")

380mm
(15.0")

53mm
(2.1")

Rear Panel

Take NVR302-16E2-P16 for example.

- Audio Output
- PoE Interface
- Network Interface
- Alarm Input
- GND
- Audio Input
- HDMI Output
- VGA Output
- Power On/Off
- Power Supply
- Alarm Output
- RS485
- USB3.0