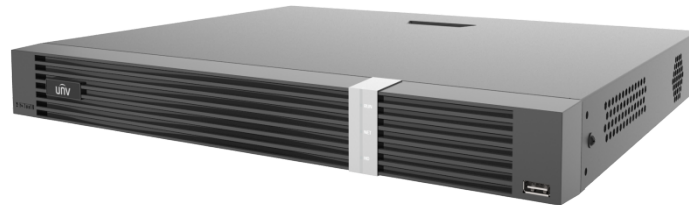


Network Video Recorder

NVR302-E2-P-IQ 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
- Support HDMI and VGA simultaneous output
- 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 upgrad

Specifications

Model	NVR302-08E2-P8-IQ	NVR302-16E2-P16-IQ
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Decoding Capability	Smart Off: 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 8 x 1080P@30 Smart On: 1 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30	Smart Off: 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 1 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width	

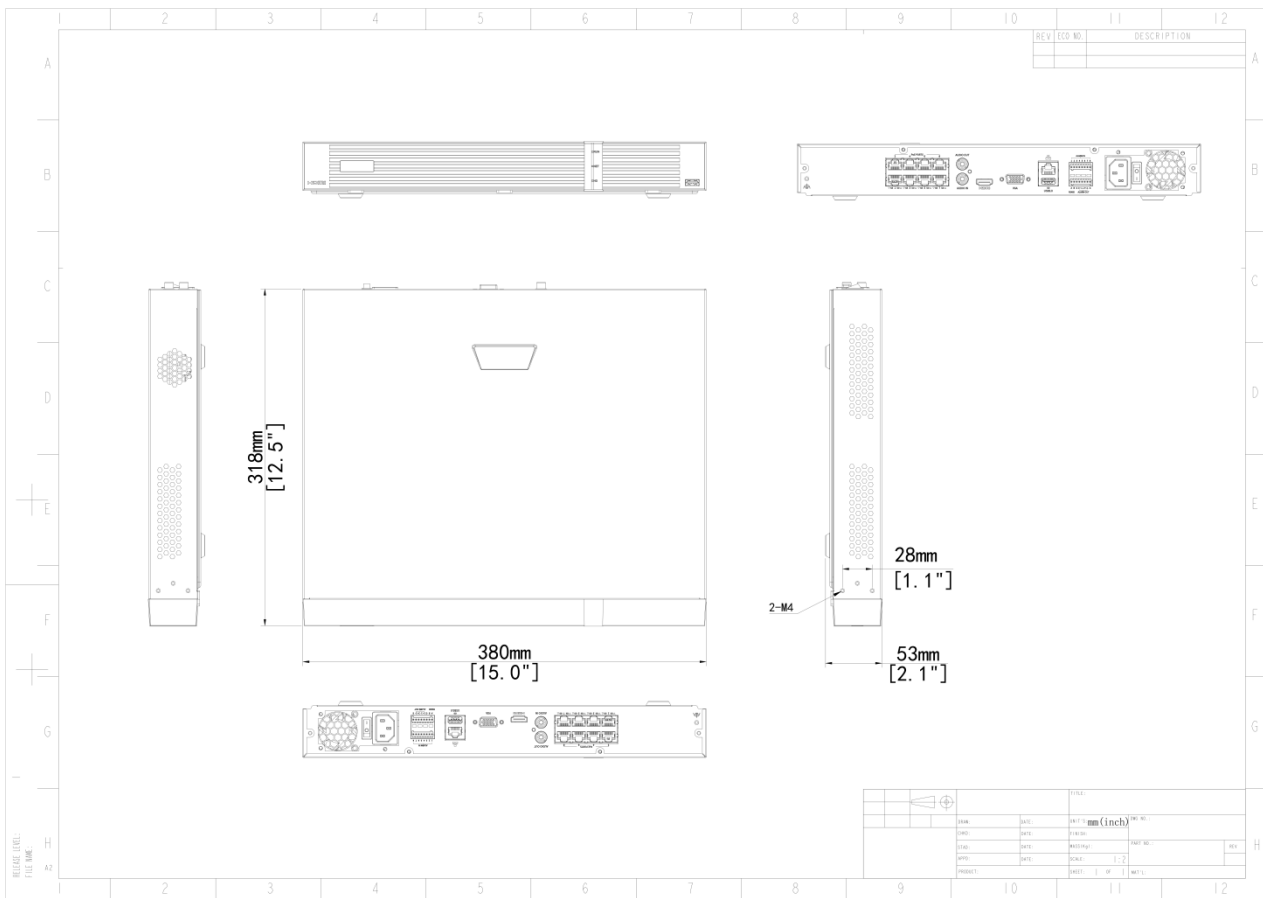
Audio Compression	G.711A, G.711U	
Network		
Incoming Bandwidth	Smart Off: 320 Mbps, Smart On: 160 Mbps	
Outgoing Bandwidth	Smart Off: 320 Mbps, Smart On: 160 Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4	
Browser (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)	
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)	
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	

Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total	
SIP by NVR	4-ch	
UMD by NVR	8-ch	
Capacity of Snapshot Records	2 millions records for face snapshot, 2 millions records for vehicle snapshot, 2 millions records for SIP	
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	≤ 20W
Dimensions		
Weight (without HDD)	≤ 2.6Kg (5.73lb)	

Dimensions	380mm × 318mm × 53mm (15.0"×12.5"×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

Aggregate product size diagram using NVR302-08E2-P8-IQ as an example



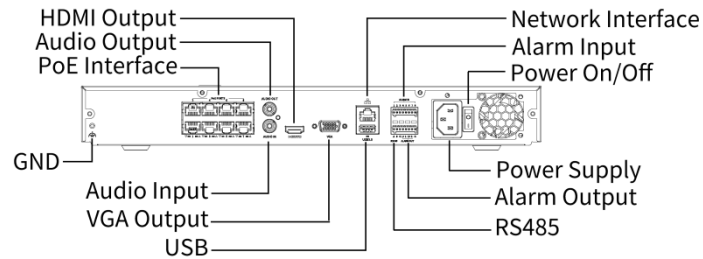
Accessories

RM-1U-380
2 HDD 1U NVR Rack Mount

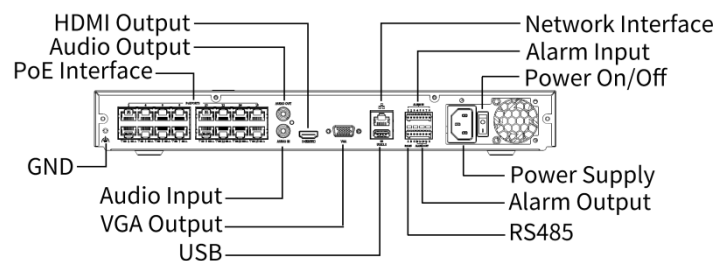


Rear Panel

[NVR302-08E2-P8-IQ]



[NVR302-16E2-P16-IQ]



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