Network Video Recorder

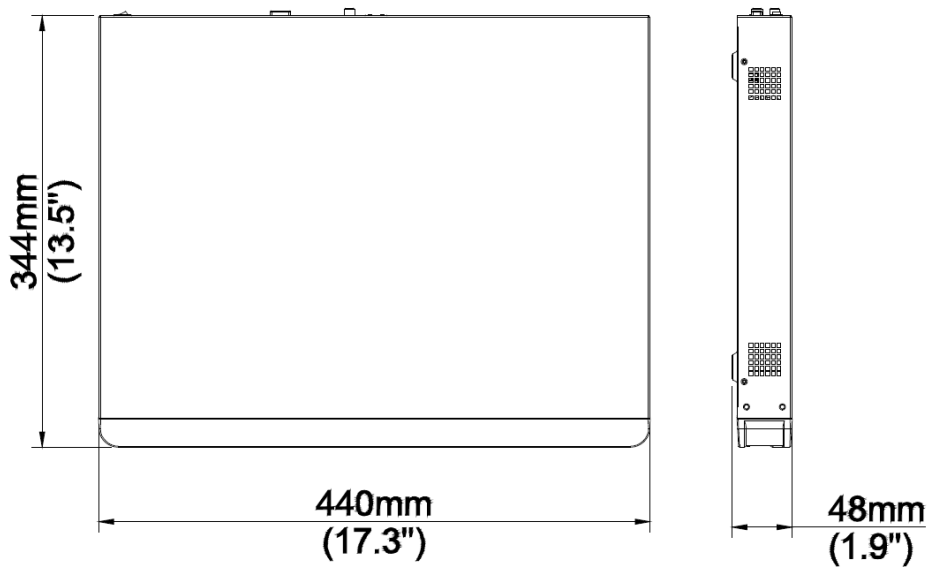## NVR304-E2 Series

Key Features

- Support Ultra H.265/H.265/H.264 video formats

- 16/32-channel input

- 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

- 4 SATA HDDs, Up to 6TB for each HDD

- Support RAID 1, 5

- 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
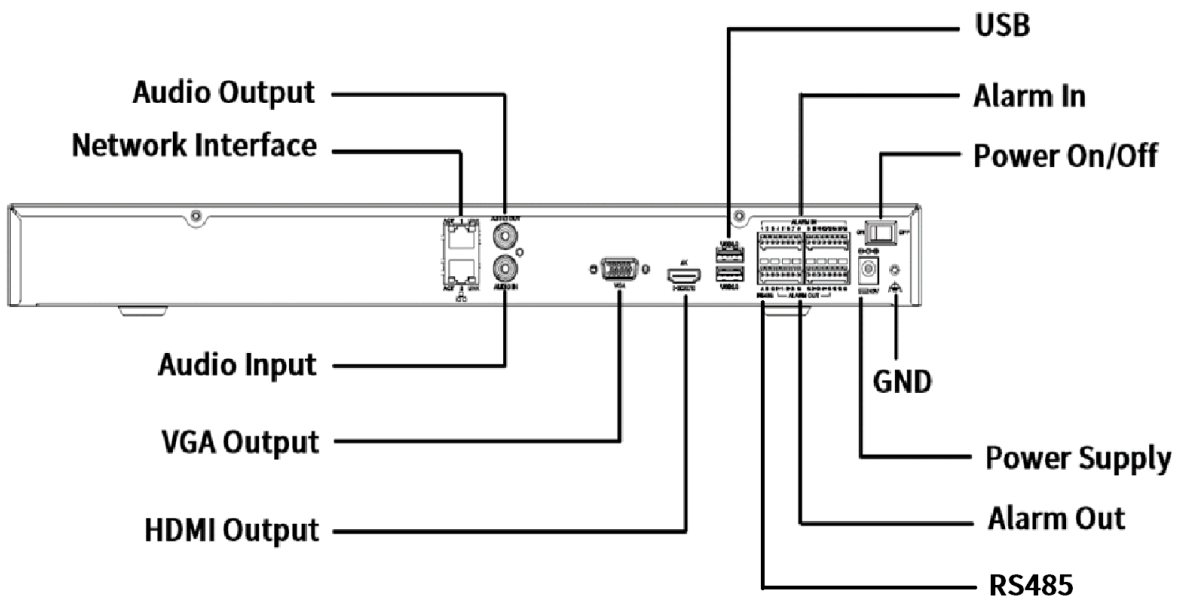
- Support cloud upgrade

Specifications

Model	NVR304-16E2	NVR304-32E2
Video/Audio Input		
IP Video Input	16-ch	32-ch
Two-way Audio Input	1-ch, RCA	
Network		
Incoming Bandwidth	320Mbps	
Outgoing Bandwidth	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	16-ch	
Live View Display	1/4/6/8/9/16	1/4/6/8/9/16/25/36
Corridor Mode Screen	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
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, 10 x 1080P@30, 16 x 720P@30	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1
Hard Disk		
SATA	4 SATA interfaces	
Capacity	up to 6TB for each HDD	
eSATA	NA	
Disk Group	Support	
RAID	RAID 1,5	
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	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 1 x USB2.0,Rear panel: 1 x USB2.0 1 x USB3.0
RS232	NA
RS485	1
Alarm In	16-ch
Alarm Out	4-ch
General	
Power Supply	12V DC/5A Power Consumption: ≤ 12 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	440mm × 344mm × 48mm (17.3" × 13.5"× 1.9")
Weight (without HDD)	≤3Kg (6.61lb)
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

344mm (13.5")
440mm (17.3")
48mm (1.9")

Rear Panel

Audio Output
Network Interface
Audio Input
VGA Output
HDMI Output

USB
Alarm In
Power On/Off
GND
Power Supply
Alarm Out
RS485

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* Product specifications and availability are subject to change without notice.