

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 8TB 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 8TB for each disk (The maximum HDD capacity varies with environment temperature)		
eSATA	NA		
Disk Group	Support		
RAID	RAID 1,5		
Smart			

unv	DATASHEET		
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")		

EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017

Weight (without HDD)

Certification
Certification

CE

FCC

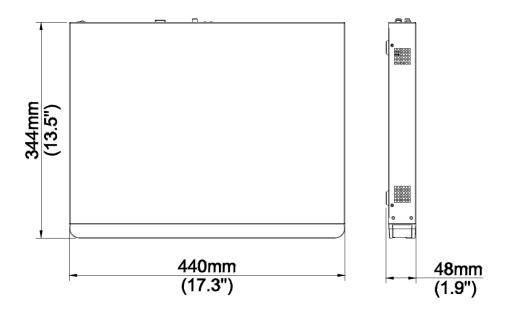
≤3Kg (6.61lb)

CE, FCC, UL, RoHS, WEEE

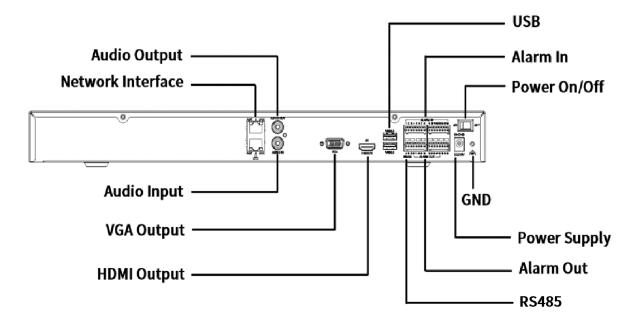
Part15 Subpart B, ANSI C63.4



Dimensions



Rear Panel



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