

Network Video Recorder

NVR304-E2-P Series

UNV



Key Features

- Support Ultra H.265/H.265/H.264 video formats
- 16/32-channel input
- Plug & Play with 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
- 4 SATA HDDs, Up to 10TB 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

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Specifications

Model	NVR304-16E2-P16	NVR304-32E2-P16
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	
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 10TB for each HDD	
eSATA	NA	
Disk Group	Support	
RAID	RAID 1,5	
Smart		
VCA Detection by Camera	Face Detection, Face Comparison, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking	
VCA Search	Face Search, Face Comparison Search, Behavior Search, Vehicle Search	
People Counting	People Counting	
Smart Intrusion Prevention (SIP), Face Detection, Face	Total 8-ch	

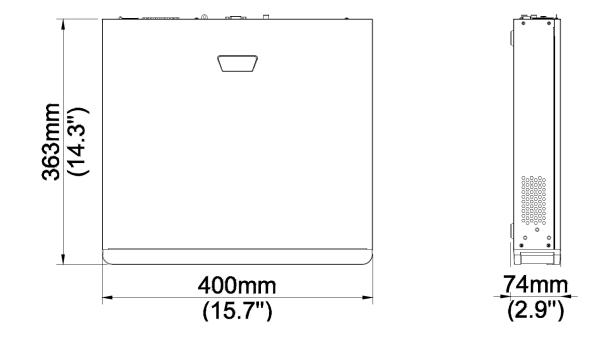
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DATASHEET

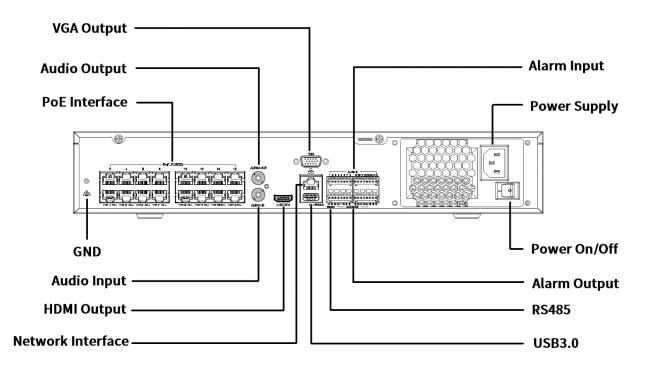
comparison, Vehicle Detection by Camera		
General Alarm		
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard	
	Disk Full, Recording/Snapshot Abnormal	
External Interface		
Network Interface	1 RJ45 10M/1000M/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	16-ch	
Alarm Out	4-ch	
PoE		
Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface	
Max Power	Max 30W for single port	
	Max 150W in total	
Supported Standard	IEEE 802.3af/at	
General		
Power Supply	100~240V AC	
	Power Consumption: \leq 20 W (without HDD)	
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	400mm × 363mm × 74mm (15.7" × 14.3"× 2.9")	
Weight (without HDD)	≤4Kg (8.82lb)	
Certification		
Certification	UL	
	CE	
	FCC	
	RoHS	
	WEEE	



Dimensions



Rear Panel



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