Network Video Recorder

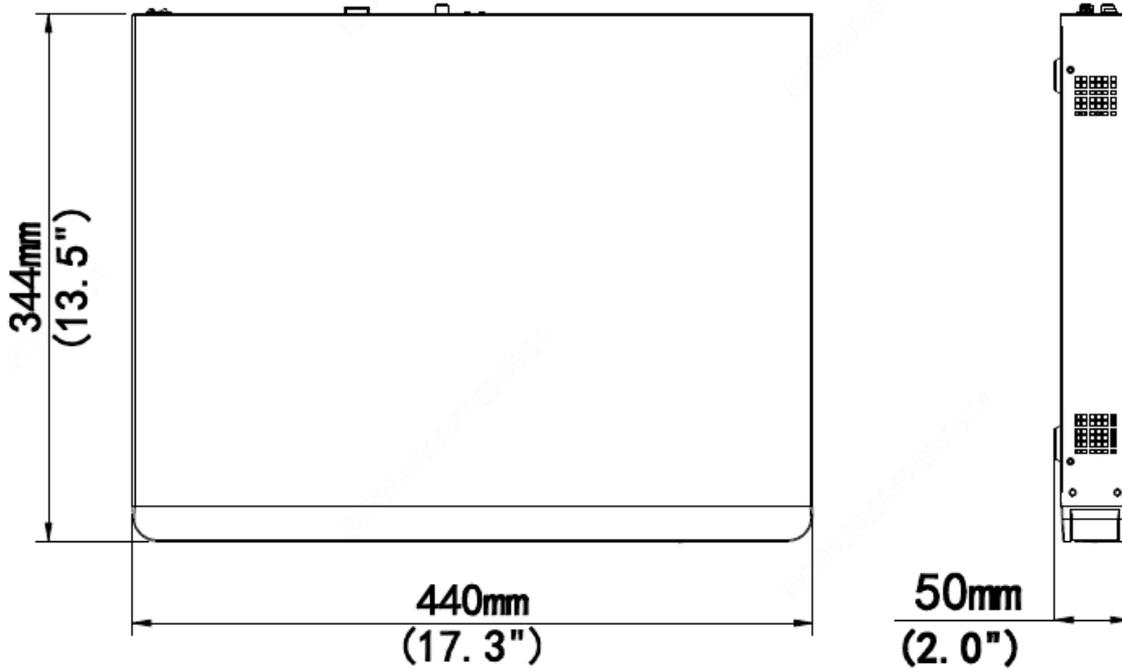## NVR304-E-B Series

Key Features

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

- 16/32-channel input

- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T

- Support 2-ch HDMI, 1-ch VGA, HDMI2 at up to 4K (3840x2160) resolution

- HDMI1/VGA and HDMI2 independent outputs provided

- Up to 12 Megapixels resolution recording

- 4 SATA HDDs, Up to 10TB for each HDD(the environment temperature should be below 30℃ for 8TB~10TB disk)

- 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

- Support Live view, playback, PTZ Control, Camera setting via local network

- Support Real-time Smart Function

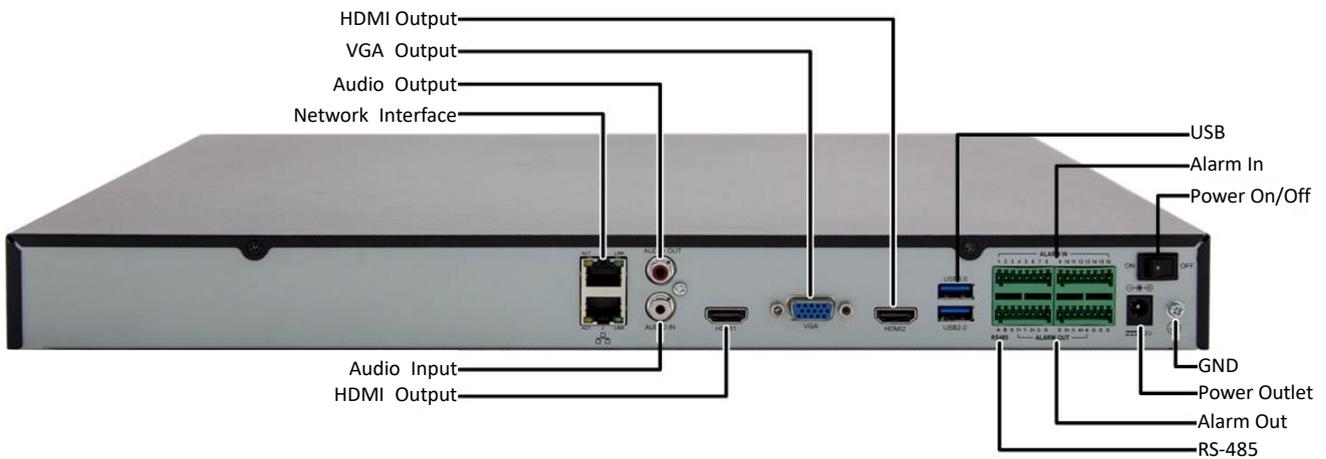- Support Day and Night time Smart Function

Specifications

Model	NVR304-16E-B	NVR304-32E-B
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	IPv4, IPv6, HTTP, SMTP, SNMP, RTSP, P2P, UPnP, NTP, DHCP, PPPoE	
General Function	IP Address Filtering, ARP Protection, Cyber Security Data Protection	
Video/Audio Output		
HDMI/VGA Output	HDMI1/VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI2: 4K (3840x2160)/60Hz, 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 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	
Synchronous Playback	16-ch	
Corridor Mode Screen	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
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	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080p@30	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080p@30, 32 x 960p@25
Hard Disk		
SATA	4 SATA interfaces	
Capacity	up to 10TB for each HDD(the environment temperature should be below 30℃ for 8TB~10TB disk)	
Smart		
VCA Detection	Face detection, Intrusion detection, Cross line detection, Object removal, Object abandon, Audio detection, Defocus detection, Scene change detection, Auto tracking	
VCA Search	Face search, Behavior search	
Statistical Analysis	People counting	
External Interface		
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	
Serial Interface	1 x RS485	
USB Interface	Front panel: 1 x USB2.0 Rear panel: 1 x USB2.0, 1 x USB3.0	
Alarm In	16-ch	
Alarm Out	4-ch	
General		
Power Supply	12V DC Power Consumption: ≤ 12W (without HDD)	

Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	440mm × 344mm× 50mm (17.3" × 13.5"×2.0")
Weight (without HDD)	≤ 3.14Kg (6.92lb)

Dimensions

Rear Panel

HDMI Output
VGA Output
Audio Output
Network Interface

USB
Alarm In
Power On/Off

Audio Input
HDMI Output

GND
Power Outlet
Alarm Out
RS-485

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