Network Video Recorder

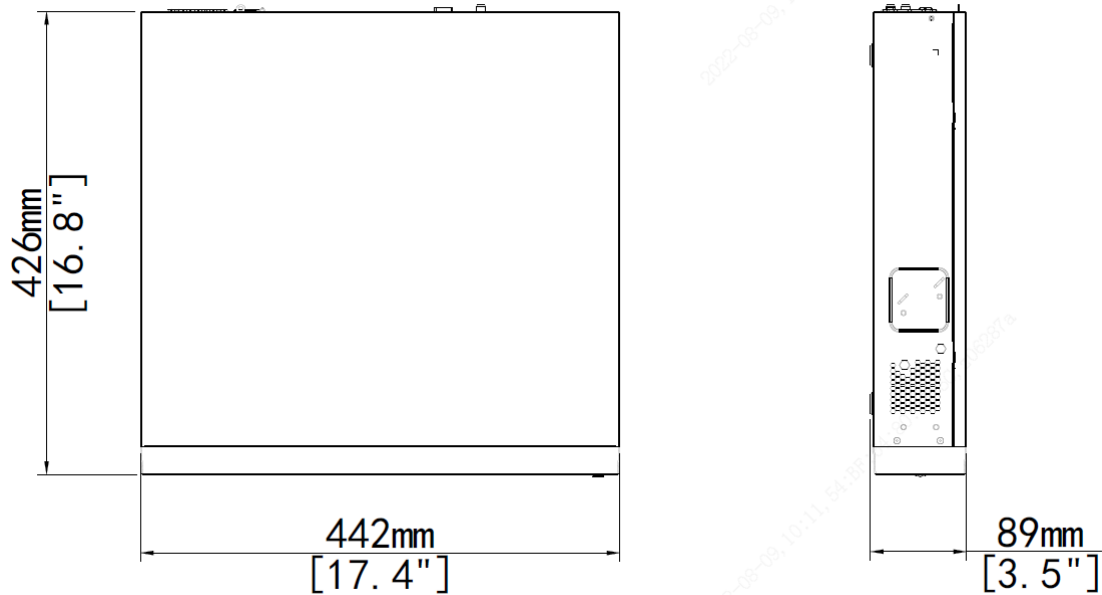## NVR508-B Series

Key Features

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

- 16/32/64-channel input

- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols

- VGA and HDMI independent output (NVR508-64B simultaneous output by default , independent output configurable)

- Up to 16 Megapixels resolution recording

- 8 SATA HDD, up to 12TB for each HDD

- Support N+1 Hot spare

- ANR technology to enhance the storage reliability when the network is disconnected
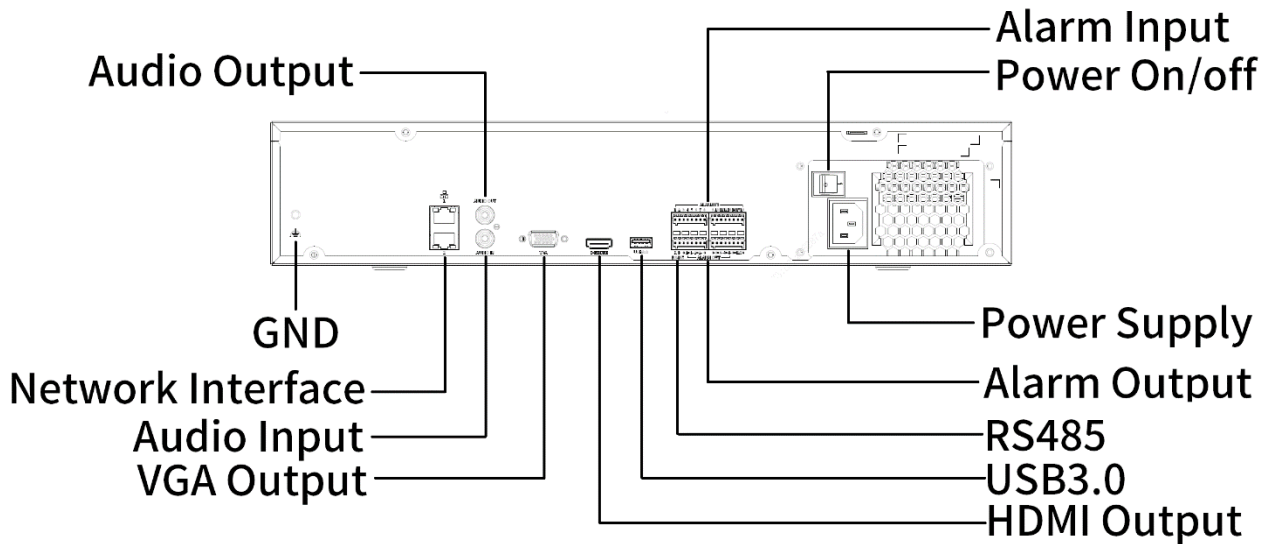
- Support cloud upgrade

Specifications

Model	NVR508-16B	NVR508-32B	NVR508-64B
Video/Audio Input			
IP Video Input	16-ch	32-ch	64-ch
Audio Input	1-ch, RCA		
Network			
Incoming bandwidth	320Mbps		
Outgoing bandwidth	160Mbps		
Remote Users	128		
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP		
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	HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1600x1200@60, 1280x720@60, 1024x768@60		
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Audio Output	1-ch, RCA		
Two-way Audio	1-ch, RCA(Using the audio input and output)		
Audio Compression	G.711A, G.711U		
Synchronous Playback	16-ch		
Live View Display	VGA: 1/4/6/8/9/16 HDMI: 1/4/6/8/9/16	VGA: 1/4/6/8/9/16/25/36 HDMI: 1/4/6/8/9/16/25/36	Simultaneous Output: VGA: 1/4/6/8/9/16/25/36/64 HDMI: 1/4/6/8/9/16/25/36/64 Independent Output: VGA: 1/4/6/8/9/16/25/32 HDMI: 1/4/6/8/9/16/25/32
Corridor Mode Screen	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32	3/4/5/7/9/10/12/16/32
Snapshot			
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution		
Decoding			
Decoding Format	Ultra 265/H.265/H.264		
Live View/Playback	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Capability	Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x		

1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1

H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 28 x 960P@25, 30 x 720P@30, 64 x D1

Hard Disk

SATA	8 SATA interfaces
Capacity	Up to 12TB for each disk
Disk Group	Support

Smart

VCA Detection by Camera	Vehicle Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), UMD(Ultra Motion Detection), Video Metadata, Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Vehicle Detection, UMD, Temperature Detection, Video Metadata, Traffic Monitoring by Camera	Total 8-ch

General Alarm

General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion, 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

External Interface

Network Interface	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front: 2 x USB2.0, Rear panel: 1 x USB3.0
RS232	NA
RS485	1
Alarm In	16-ch
Alarm Out	4-ch

General

Power Supply	100~240V AC Power Consumption: ≤ 32W (without HDD)
Working Environment	-10℃~+ 55℃ (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	442mm × 426mm × 89mm (17.4" × 16.8" × 3.5")
Weight (without HDD)	≤ 4Kg (8.80lb)

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

426mm
[16.8"]

442mm
[17.4"]

89mm
[3.5"]

Rear Panel

Audio Output

Alarm Input
Power On/off

GND
Network Interface
Audio Input
VGA Output

Power Supply
Alarm Output
RS485
USB3.0
HDMI Output

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