

# Network Video Recorder

## NVR508-E-R-IQ Series



### Features

- Support Ultra 265/H.265/H.264 video formats
- 32/64-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Up to 32 Megapixels resolution recording
- Support N+1 Hot spare
- Support HDD hot swap with RAID 0, 1, 5, 6, 10 storage scheme configurable
- Redundant power supply optional
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

### Specifications

Model	NVR508-32E-R-IQ	NVR508-64E-R-IQ
Decoding		
Decoding Format	Ultra 265, H.265, H.264	

Decoding Capability	<p>Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30</p> <p>Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 32 x 720P@30</p>	<p>Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30</p> <p>Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 48 x 720P@30</p>
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width	
Audio Compression	G.711A, G.711U	
<b>Network</b>		
Incoming Bandwidth	<p>Smart Off: 384Mbps</p> <p>Smart On: 200Mbps</p>	
Outgoing Bandwidth	<p>Smart Off: 384Mbps</p> <p>Smart On: 200Mbps</p>	
Remote Users	128	
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4	
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
<b>Video/Audio Input</b>		
IP Video Input	32-ch	64-ch
RCA Audio Input	1-ch	
<b>Video/Audio Output</b>		
HDMI Output	4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
VGA Output	1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
RCA Audio Output	2-ch	
Liveview Display	<p>HDMI1 and VGA1: 1/4/6/8/9/16/25/32;</p> <p>HDMI2 and VGA2: 1/4/6/8/9/16</p>	<p>HDMI1 and VGA1: 1/4/6/8/9/16/25/36/64;</p> <p>HDMI2 and VGA2: 1/4/6/8/9/16</p>
Corridor Mode Screen	HDMI1 and VGA1: 3/4/5/7/9/10/12/16/32; HDMI2 and VGA2: 3/4/5/7/9/10/12/16	
<b>Two-way Audio</b>		

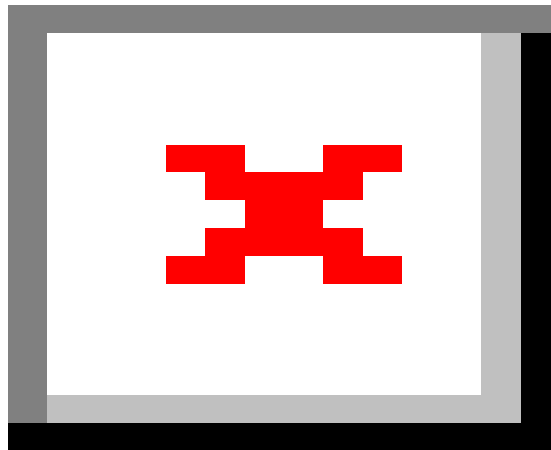
Two-way Audio	1-ch, RCA (Using the audio input and output)
<b>Snapshot</b>	
FTP/Schedule/Event Snapshot	16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)
<b>Recording</b>	
Recording Resolution	32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
<b>Smart</b>	
VCA Detection by IPC	Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map, SmartSearch+, AcuSearch
Smart by IPC	All channels (up to 16 images/s in total)Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	8-ch
UMD by NVR	16-ch
Capacity of Snapshot Records	3 millions records for face snapshot, 2 millions records for vehicle snapshot, 2 millions records for SIP, 2 millions records for video Metadata
<b>Alarm</b>	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, 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, Array Damaged, Array Degraded
<b>GUI Language</b>	

GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
<b>Hard Disk</b>	
SATA	8 SATA Interfaces
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5, 6, 10
Hot Swap	Support
<b>External Interface</b>	
Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
USB	Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Output	12 V
Power Supply	AC 100~240V
Redundant Power Supply	Support
<b>Working Environment</b>	
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 35W
<b>Dimensions</b>	
Weight (without HDD)	≤ 6.5Kg (14.3lb)
Height	2U
Dimensions	443mm × 448mm × 93mm (17.4"×17.6"×3.7")

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



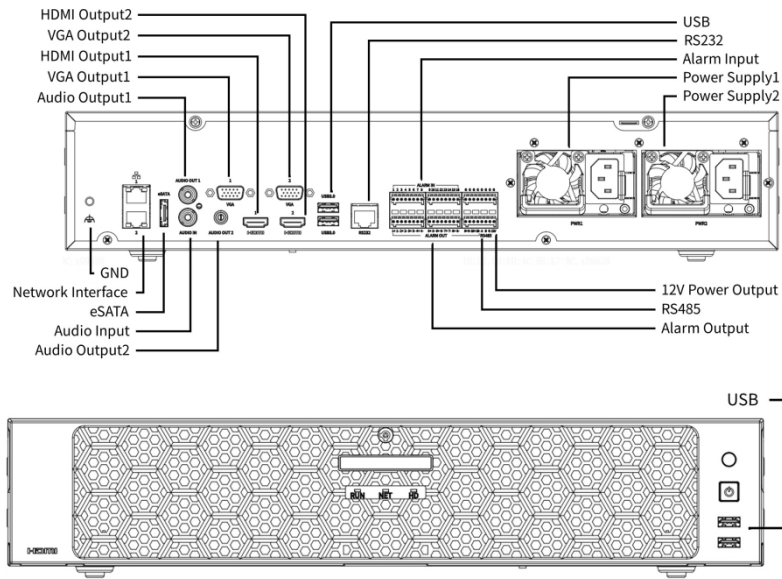
## Accessories

PWR-DC12-350A-IN

350W Power Accessories Module



## Rear Panel



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