Network Video Recorder

NVR508-E-IM Series



Features

- Support Ultra 265/H.265/H.264 video formats
- Support 32/64 channel input
- Support 3 ch HDMI, 1 ch VGA. HDMI up to 4K (3840x2160) resolution
- Support VGA and HDMI independent output
- Support up to 32 Megapixels resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Specifications

Model	NVR508-32E-IM	NVR508-64E-IM
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Decoding Capability	Smart Off: H265/H264: 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, 21 x 3MP@30, 32 x 1080P@30, 32 x 720P@30 Smart On: H265/H264: 1 x 32MP@30, 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 5 x 6MP@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30	Smart Off: H265/H264: 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, 21 x 3MP@30, 32 x 1080P@30, 64 x 720P@30 Smart On: H265/H264: 1 x 32MP@30, 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 5 x 6MP@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width	
Audio Compression	G.711A, G.711U	
Network		
Incoming Bandwidth	Smart Off: 384 Mbps, Smart On: 200 Mbps	
Outgoing Bandwidth	Smart Off: 384 Mbps, Smart On: 200 Mbps	
Max Users Can Be Added	32	
Max Remote Users	128	
Protocols	TCP/IP, P2P, SMTP, NFS, 802.1x, RTSP, UPnP, NTP, DHCP, PPPoE, HTTP, DNS, DDNS, SNMP, IPv6, IPv4, HTTPS	
Browser (Plugin)	Chrome, Edge, Firefox	
Browser (Plugin-Free)	Chrome, Edge, Firefox, Safari	
Video/Audio Input		
IP Video Input	32-ch	64-ch
BNC Audio Input	N/A	
RCA Audio Input	1-ch	
3.5mm Audio Input	N/A	
Peripheral Input		
POS	All channels	
Ip Speaker	16-ch	
Video/Audio Output		
Video Output	Support 3-ch HDMI, 1-ch VGA, HDMI1 and VGA simultaneous output, HDMI1 /VGA and HDMI2 and HDMI3 independent output.	
HDMI Output	HDMI1: 4K (3840 2160)/60 Hz, 4K (3840 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz; HDMI2: 4K (3840 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz;HDMI3:1920 × 1080/60 Hz, 1280 × 720/60	
VGA Output	1920 × 1080/60 Hz, 1280 × 720/60 Hz	
HDMI Standard	HDMI2.0	

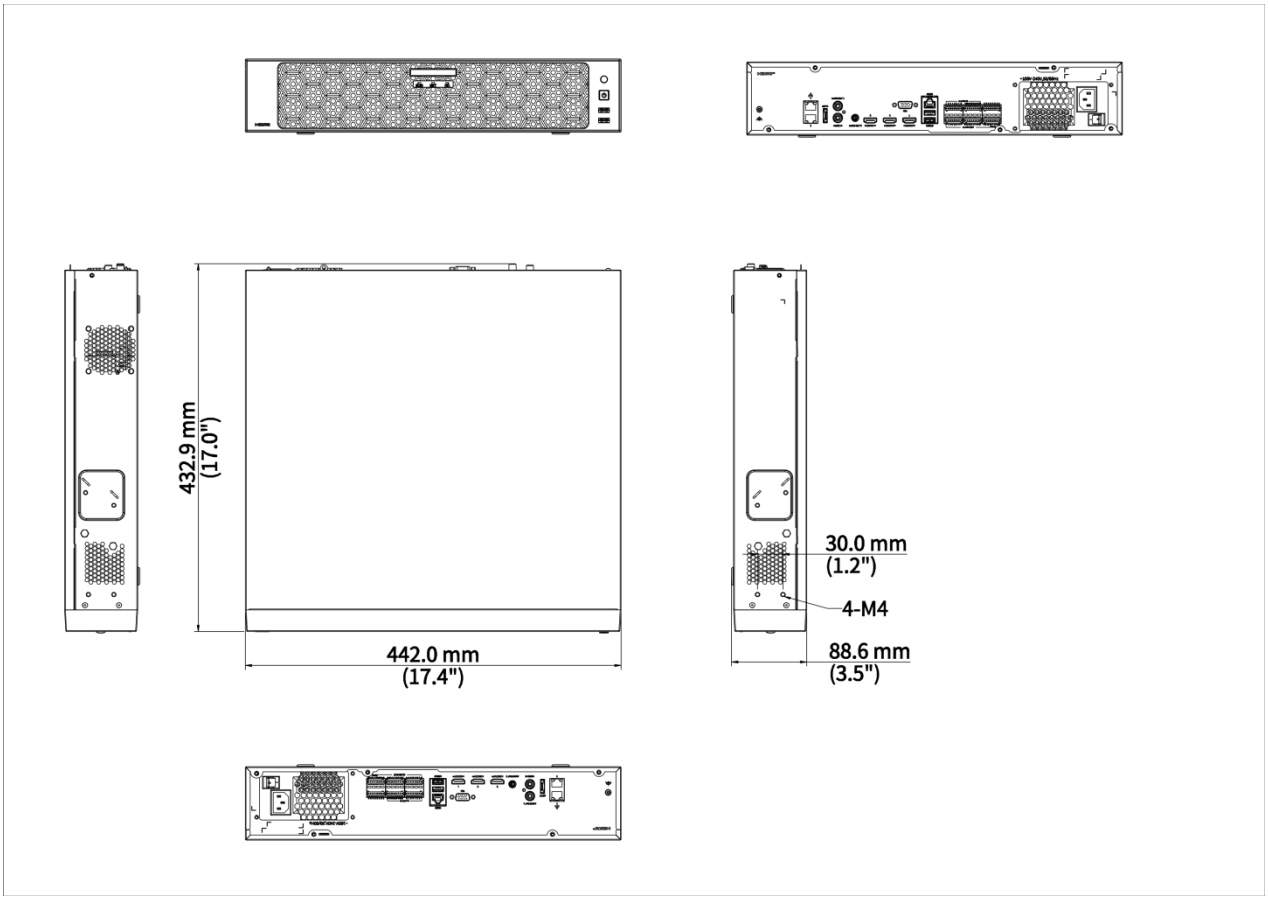
BNC Audio Output	N/A	
RCA Audio Output	2-ch	
3.5mm Audio Output	N/A	
Liveview Display	HDMI1 and VGA: 1/4/6/8/9/16/25/32 HDMI2: 1/4/6/8/9/16 HDMI3: 1/4/6/8/9/16	HDMI1 and VGA: 1/4/6/8/9/16/25/36/64 HDMI2: 1/4/6/8/9/16/25/36 HDMI3: 1/4/6/8/9/16
Default Num of Live Screen	HDMI1 and VGA: 32; HDMI2: 16; HDMI3: 16	HDMI1 and VGA: 64; HDMI2: 36; HDMI3: 16
Corridor Mode Screen	HDMI1 and VGA: 3\4\5\7\9\10\12\16\32; HDMI2: 3\4\5\7\9\10\12\16\32; HDMI3: 3\4\5\7\9\10\12\16;	
Playback Screen	1/4/9/16	
Corridor Mode Screen of Playback	1/3	
Two-way Audio		
Two-way Audio	1-ch, RCA (Using the audio input and output)	
Snapshot		
FTP/Schedule/Event Snapshot	16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)	
Recording		
Recording Resolution	32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF	
Num of Concurrent Playback	32-ch	
Synchronous Playback in Local	16-ch	
Smart Function		
VCA Detection by IPC	Face Detection, Face Comparison, 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, Long Stay Detection, Fall Detection, Multi-Target Detection, Package Detection, Vehicle Detection (LPR)	
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, People Counting	
Smart by NVR	Face Detection, Face Comparison, Ultra Motion Detection (UMD), Smart Intrusion Prevention (SIP), Video Metadata, Plate Comparison	
Smart by NVR Analyzer Mode	Mixed Mode (Face Recognition+Mixed-Traffic Dection+AcuSearch/AcuTrack), Single Mode (SeekFree Mode), Mixed Mode (SIP+UMD), Modes cannot active simultaneously, only one mode can active at a time.	
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, General Search, People Counting Report, Heat Map, SmartSearch+, AcuSearch, AcuTrack, SeekFree, Pedestrian Search, Event Search	
AcuSearch		
Acu Search Performance	All channels with UNV SIP/UMD Camera, Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 4K/5MP/4MP/3MP/2MP)	
AcuTrack		
Acu Track Performance	All channels with UNV SIP/UMD Camera, Up to 4-ch with normal camera (UNV and Third-part	

	brand, 4-ch 4K/5MP/4MP/3MP/2MP)
SeekFree	
SeekFree Performance	All channels with UNV SIP/UMD Camera
SeekFree Language	English
face detection	
face detection by NVR	Up to 16-ch with UNV Face Detection Camera, Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 4K/5MP/4MP/3MP/2MP)
Search by Image	Support
Plate Comparison	
Plate Comparion by NVR	All channels with UNV LPR Camera, normal/Third-part brand cameras not supported
Vehicle Number Library	Up to 16 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP	
SIP by NVR with normal cameras	8-ch
UMD	
UMD by NVR with normal cameras	16-ch
analysis	
analysis with normal cameras	N/A
analysis Type	N/A
Video Metadata	
Video Metadata by NVR with normal cameras	Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 4K/5MP/4MP/3MP/2MP)
Video Metadata Type	Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color, Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color, Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color
Capacity of Smart Snapshots	
Intelligent Mark by IPC	Support
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
Alarm	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Audio Detection, Alarm Input
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Array Damaged
Num of Concurrent Processing Alarms	One every 5 seconds
Hard Disk	
SATA	8 SATA Interfaces
Capacity	Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)
Disk Group	Support

Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5, 6, 10
Hot Swap	N/A
External Interface	
Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
Network Working Mode	Muli-access, load balance, network fault-tolerance
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
miniSAS	N/A
miniSAS HD	N/A
Power Output	12 V
Extension Board	N/A
Buzzer	Support
Power Supply	AC 100 to 240 V
Power Switch	N/A
Redundant Power Supply	N/A
PoE	
PoE Interface	N/A
Max Power	N/A
Supported Standard	N/A
Working Environment	
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity	≤ 95% RH (non-condensing)
Power Consumption (without HDD)	≤30W
Heat Dissipation	Fan, Radiator
Dimensions	
Weight (without HDD)	≤ 5.5kg (12.1lb)
Height	2U
Dimensions	442mm (17.4") x 432.9mm (17") x 88.6mm (3.5")
GUI Language	
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
Certification	
Certification	CE; FCC; UL; RoHS; WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130

FCC	Part15 Subpart B

Dimensions



Accessories

FL-2U Mount Angle Components,Sheetmatel		
		

Unlimited New View

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