Network Video Recorder

NVR808-IX-G Series

Features

- Support Ultra H.265/H.265/H.264 video formats
- Support 32/64-channel input
- Support 3-ch HDMI, 1-ch VGA, HDMI1 and VGA simultaneous output, HDMI1 /VGA and HDMI2 and HDMI3 independent output.
- Support up to 4K resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support SeekFree: up to 16-ch with 3rd party and UNV normal IPC, up to all channels with UNV SIP/UMD/etc. Smart IPC
- Support external USB keyboards
- Support SIP, UMD, Video Metadata, analysis, Plate Comparison, People Counting, Face Detection and face detection by NVR
- Support cloud upgrade

Specifications

Model	NVR808-32-IX-G	NVR808-64-IX-G
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Decoding Capability	Smart Off: H265: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30 H264: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30 Smart On: When Smart by NVR on, the decoding capacity is same as Smart off.	Smart Off: H265: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30, 64 x D1@30 H264: 6 x 4K@30, 8 x 6MP@30, 10 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 32 x 720P@30, 64 x D1@30 Smart On: When Smart by NVR on, the decoding capacity is same as Smart off.
Decoding Capability Description	The resolution of each channel cannot exceed 4096 pixels in length or width, For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.	
Audio Compression	G.711A, G.711U	
Network		
Incoming Bandwidth	512 Mbps	
Outgoing Bandwidth	512 Mbps	
Max Users Can Be Added	128	
Max Remote Users	128	
Protocols	TCP/IP, P2P, SMTP, RTSP, UPnP, NTP, DHCP, PPPoE, HTTP, DNS, DDNS, IPv6, IPv4, HTTPS, SNMP	
Browser (Plugin)	Chrome 45+, Edge 79+, Firefox 52+	
Browser (Plugin-Free)	Chrome 57+, Edge 16+, Firefox 58+, Safari 11+	
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	32-ch	64-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	4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz	
VGA Output	1920 × 1080/60 Hz, 1280 × 720/60 Hz	
HDMI Standard	HDMI1.4	
BNC Audio Output	N/A	
RCA Audio Output	3-ch	

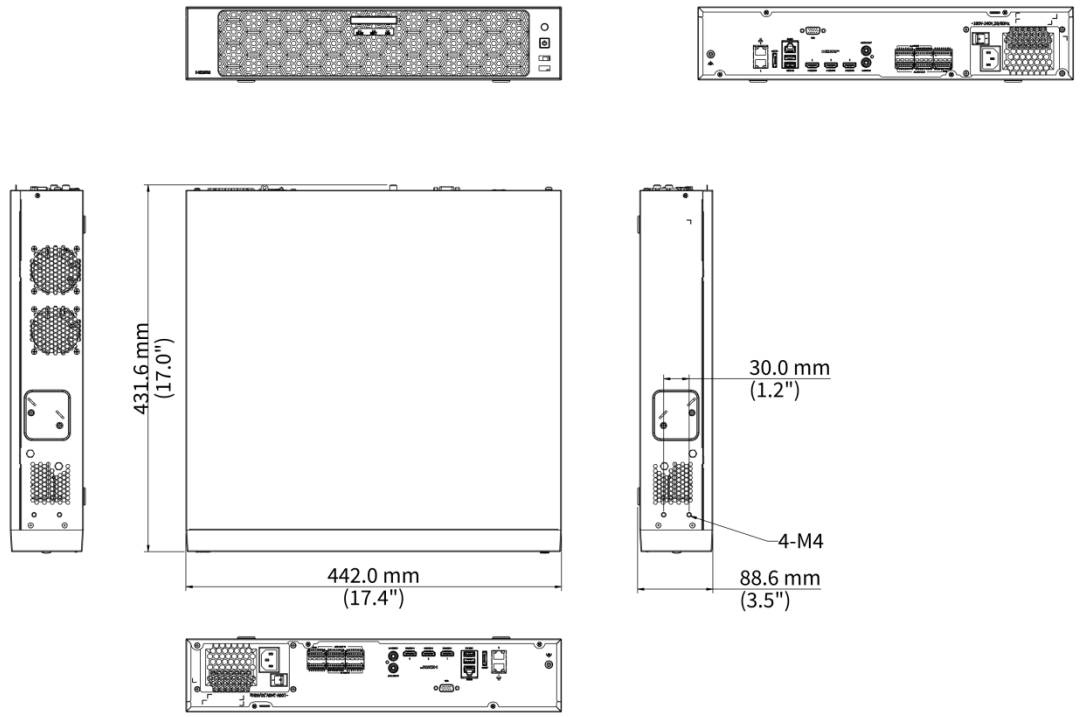
Liveview Display	HDMI1 and VGA/HDMI2/HDMI3: 1/4/6/8/9/16/25/32	HDMI1 and VGA: 1/4/6/8/9/16/25/36/64 HDMI2: 1/4/6/8/9/16/25/36 HDMI3: 1/4/6/8/9/16/25/36
Default Num of Live Screen	32	HDMI1 and VGA: 64; HDMI2: 36; HDMI3: 36
Corridor Mode Screen	3/4/5/7/9/10/12/16/32	
3.5mm Audio Output	N/A	
Playback Screen	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)	
Recording		
Recording Resolution	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		
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, Traffic Monitoring, People Counting	
Smart by NVR	Face Detection, Face Comparison, People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Smart Intrusion Prevention (SIP), Behavior Analysis, Evacuation Route Obstruction, Plate Comparison, Elevator Entrance Detection, Illegally Parked Motor Vehicle	
Smart by NVR Analyzer Mode	Mixed Mode (SIP+Behavior Analysis+People Counting), Mixed Mode (Face Recognition+Mixed-Traffic Dection+AcuSearch/AcuTrack), Modes cannot active simultaneously, only one mode can active at a time.	
VCA Search	Face Snapshot Search, Face Comparison Search, Behavior Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map, SmartSearch+, AcuSearch, AcuTrack, SeekFree	
AcuSearch		
Acu Search Performance	All channels with UNV SIP/UMD Camera, Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)	
AcuTrack		
Acu Track Performance	All channels with UNV SIP/UMD Camera, Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)	
SeekFree		
SeekFree Performance	All channels with UNV SIP/UMD Camera, Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)	
SeekFree Language	English	
face detection		
face detection by NVR	Up to 32-ch with UNV Face Detection Camera, Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)	
Search by Image	Support	

Plate Comparison	
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP	
SIP by NVR with normal cameras	Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
UMD	
UMD by NVR with normal cameras	N/A
analysis	
analysis with normal cameras	Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
analysis Type	No Helmet Detection, No Chef Hat Detection, No Work Clothes Detection, Smoking Detection, Smoke and Fire Detection, Calling Detection, No Mask Detection, Rat Detection, Long Stay Detection, Fall Detection, Fight Detection, Absence Detection, Quick Moving, People Dispersion, People Gathering, Using Mobile Phone Detection, No Reflective Clothing Detection, Sleep on Duty Detection, Climbing Detection, Knife/Stick in Hand Detection
Video Metadata	
Video Metadata by NVR with normal cameras	Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
Video Metadata Type	Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color, Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color, Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color
Capacity of Smart Snapshots	
Capacity of Snapshot Records	2 millions records for SIP, 2 millions records for vehicle snapshot, 3 millions records for face snapshot
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, Recording/Snapshot Abnormal, High CPU Temperature, High Motherboard Temperature, Array Damaged, Array Degraded
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
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 HD	N/A
miniSAS	N/A
Power Output	12 V
Extension Board	1
Buzzer	Support
Power Supply	AC 100 to 240 V
Power Switch	Support
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	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤50W
Heat Dissipation	Fan, Radiator
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
Feature Supported	
Cruise Lines Num of Each Camera	4
Preset Num	32
N+1 Hot Spare	Support
Fisheye Dewarping by IPC	Support
ANR	Support
Dual-lens Cameras	Support
Downlink ONVIF	Support (Profile S)
Box-Dome Linkage	Support
Uplink ONVIF	N/A

Video Image Database (Uplink)	Support
UCS (Web socket)	Support
NAS	Support
Ucode Basic Mode	Support
Ucode Advanced Mode	Support
Output Mode	N/A
Compliance	
NDAA Compliant	Support

Dimensions



Accessories

FL-2U 4 HDDs & 8 HDDs 2U NVR Rack Mount		

Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

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