Network Video Recorder

RQ5-8C32X



Specifications

Model	RQ5-8C32X
Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	Smart Off: H265: 6x 4K@30, 8x 6MP@30, 10x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 50 x 720P@30, 100 x D1@30 H264: 6x 4K@30, 8x 6MP@30, 10x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 25 x 1080P@30, 50 x 720P@30, 100 x D1@30 Smart On: When Smart by NVR on, the decoding capacity is same as smart off.
Audio Compression	G.711A, G.711U
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.
Network	
Incoming Bandwidth	512 Mbps
Outgoing Bandwidth	512 Mbps
Max Users Can Be Added	128
Max Remote Users	128
Protocols	TCP/IP, SMTP, NFS, 802.1x, RTSP, UPnP, NTP, DHCP, PPPoE, HTTP, DNS, DDNS, SNMP, IPv6, IPv4, HTTPS
Browser (Plugin)	IE10, IE11, 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
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
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, 1920 × 1080/50 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI Standard	HDMI2.0
BNC Audio Output	N/A
RCA Audio Output	3-ch
3.5mm Audio Output	N/A
Liveview Display	1/4/6/8/9/16/25/32
Default Num of Live Screen	32
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
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	
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, Traffic Monitoring, Long Stay Detection, Fall Detection, Multi-Target Detection, Package Detection, Vehicle Detection (LPR)
Smart by IPC	All channels (up to 32 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, Ultra Motion Detection (UMD), People Counting (People Flow Counting, Crowd Density Monitoring), Smart Intrusion Prevention (SIP), Plate Comparison
Smart by NVR Analyzer Mode	Mixed Mode (Face Recognition+AcuSearch), Mixed Mode (SIP+UMD), 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
face detection	
Search by Image	Support
Plate Comparison	
Plate Comparion by NVR	All channels with UNV LPR Camera, normal/Third-part brand cameras not supported
Plate Library	Up to 5 plate libraries, with up to 25000 plates in total
Capacity of Smart Snapshots	
Intelligent Mark by IPC	Support
Alarm	
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
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
Extension Board	N/A
Power Output	12 V
Power Supply	AC 100 to 240 V
Power Switch	Support
Redundant Power Supply	N/A
Buzzer	Support
Working Environment	
Working Temperature	-10 ℃ to 50 ℃ (14 ℉ to 122 ℉)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without	≤ 50W

HDD)	
Heat Dissipation	Fan, Radiator
Dimensions	
Dimensions	442mm x 400mm x 86.1mm
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