

## Specification: 72CH & 8-SATA 2U 12 MP REALTIME H.265



### Key Features:

- 72 CH full real-time network video access, 2U NVR case
- H.265, H.264 dual-stream decoding, embedded Windows 11 IoT Enterprises operating system
- Support sync video recording, remote monitoring, backup
- Support HDMI sync output, support 4K (12MP) preview
- Support amplification preview and playback video image
- Standard ONVIF, RTSP,
- Support external alarm, bi-direction talk, alarm snapshot, email sending functions
- Support DDNS, EMAIL, UPNP, NTP, P2P, etc.
- Support WEB, mobile viewer, Client, CMS monitoring
- Remote digital input, IVS detection, face detection, tamper detection, audio detection, external IO, motion detection, NVR CGI Triggering, video loss detection, speed measurement detection, ANPR detection, facial recognition, LPR detection, QR code detection, behavior detection
- Support grouping disk quota, and disk inventory two storage pattern, distribute different video storage capacity or cycle according to different channels
- Support IPC centralized management, including IPC parameters configuration, import and export information, information real time acquisition, etc.
- Support channel grouping, preview round touring
- Support network detection (network flow monitoring, network Wireshark, network clear) function, etc.
- Support instant playback
- The new UI interface, support a key to open the video recording
- Support dual password authentication, IP filter
- BIS, CE, ISO, FCC & ROHS Compliance.

Parameters	GL-NVR8964
Network video support	NVR live streaming, P2P live streaming, ONVIF camera, manual RTSP, screen capture, USB video input, picture capture
Chassis	2U Chassis
Network video input	Up to 72 channels 1080P / 3M / 4M / 5M / 8M / 12M
Network video format	H.264 / H.265 / MJPEG
throughput	Upload: up to 500Mbps, Download: up to 500Mbps
Internal HDD / Swap Bay	built-in 1 × 500GB 2.5 Inch SATA SSD (OS)Support up to 8 × Hot-swap 3.5 Inch SATA HDD (recording)
Support quantity	Max. 72 channels
Camera name	20 characters
Channel editing	Mouse drag-n-drop
Digital zoom	Yes, ePTZ supported
Privacy Mask	Supported
Remote monitoring	Yes, web and NVR Client
HDMI output	1 × HDMI port 1.4b, (4096 × 2160@24Hz)
VGA output	No support
DisplayPort output	1 × DisplayPort 1.2 (4096 × 2160@60Hz)
Split screen	4, 9, 16, 25, 36
Dual stream technology	Multi-channel displays D1 and full screen displays 1080P / 3M / 4M / 5M / 8M / 12M
Multi-screen	1 monitor support up to 36 channels in total (480P 15fps)
Recording mode	Alarm, motion, schedule, and manual
Recording schedule	7 days × 24 hrs time table, recording mode configurable
Recording resolution & framerate	Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps, and ROI recording supported
Motion recording	36ch
Alarm recording	Remote digital input, remote IVS detection, remote face detection, remote tamper detection, remote audio detection, external IO, motion detection, NVR CGI Triggering, video loss detection, speed measurement detection, ANPR detection, facial recognition, remote LPR detection, QR code detection, aida behavior detection
Audio recording	Yes
Video Archiving	Support
Remote network NAS	Support NAS (SMB/CIFS), iSCSI
Playback search	Date, time, Smart search, Alarm search, POS, ANPR search, Face search, Face trace search (in FR server only), Tagging search
Playback resolution	Max 12MP@20fps, 8MP@30fps, 5MP@30fps, 4MP@30fps, 3MP@30fps, 1080p@120fps
Playback speed	Fast Rewind: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X Fast Forward: 1/8, 1/4, 1/2, 1X, 2X, 4X, 8X, 16X, 32X
Backup / Video input	Max. 36 channels, AVI & MP4 file format supported
Remote video	NVR Server / Navigator Client / DVR / NVR / IP camera SD card supported up to 72 channels
Alarm management	Play audio file, send email notification, PTZ preset, digital output triggering, full screen, post alarm record, pre-alarm record, advanced alarm digital output, alarm ACK, alarm snapshot, text overlay, App cloud push notification.
Alarm recording	Pre-alarm: 1 ~ 10 seconds and post-alarm: 1 sec ~ 59 minutes
Alarm Scheduling	Up to four alarm tables with AND logic
Alarm event actions	Video loss, stop recording, schedule, log on, operation log
Digital output	Controllable via IP cameras
Video archiving & sync	Individual camera configurable, scheduling and instant archiving, sync recording data with NVR server / NVR / DVR / IP camera SD card.
Keyboard	keyboard controllable via rs-485 to usb converter for PTZ, ePTZ, and ROI features
Audio	G.711/AAC, two-way audio, audio recording
Protocols	ARP / TCP/IP / RTSP / ONVIF / HTTP / HTTPS / SMTP / DNS / PPPoE / SDDP
Mobile support	iPhone and Android
IP Scan	Supported, easy-to-setup for IP address
VMS support	Support NVR Client software
CPU	Intel® Core™ i5-10500
RAM	32GB (2 × DDR4 16GB)
Chipset	Intel® H410
Display card	Intel® UHD Graphics 630
Ethernet Ports	1 × Intel® I219V with 1GbE   1 × Intel® I210 with 1GbE
USB Support	Rear: 2 × USB 2.0, 2 × USB 3.2(Gen1) Type-A ; Front: 1 × USB 3.0 Type-A
Audio	2 × Audio jack(s)
System fan	1 × 60mm rear exhaust fans
Hot spare	Support
RAID	Support RAID 0, 1, 5, 6, 10, 50
SSD / HDD	built-in 1 × 500GB 2.5 Inch SATA SSD (OS)Support up to 8 × Hot-swap 3.5 Inch SATA HDD (recording).
OS	Windows 11 embedded IoT Enterprises
DST	Daylight saving time by Windows OS
Warranty	3 years
Power consumption and supply	500W consumption; 110V-240V Supply
Operating Temperature	0°C ~ 50°C(32°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C(-4°F ~ 158°F)
Protection	IP 68 , IK 10