

MNIZ-64P8HR5

Megapixel recording, dual streaming and high-capacity RAID storage

Optimum Rack mount NVR Server

Optimum NVR server is powered by newest 64-bit embedded Linux and Intel® GPU H/W decoding technologies with superior stability and performance. Equipped with 8-bay hot-swappable SATA II 3.5" hard disk trays and RAID-5, this NVR system can support most of today's off-the shelf IP cameras and ONVIF cameras for up to 64CH video recording and let you access your recordings quickly and reliably. With this NVR series, customers can rapid deploy their IP surveillance application with optimum surveillance and operating efficiency and delivers a better security and stability than the counter-part Windows® powered system.



Key Features

- Enhanced 64-bit Linux OS, well-protection against viruses and hackers
- Intel® GPU 400FPS@1080P hardware H.264 decoding
- H.264, MPEG-4 and M-JPEG compression
- Max. 64CH IP cameras recording(support ONVIF and 5 Megapixel IP camera)
- Optical and digital PTZ for live view and playback
- Dual streaming for recording and local/remote/mobile live view
- NVR software pre-installed on DOM module for rapid system deployment
- Support analog and SDI digital capture board for hybrid applications
- Windows, WEB, CMS and iOS/Android clients support

Software Specification

NVR Software Specification	
Camera Support	Remote Playback
✓ Supported IP Cameras: ACTi, A-Linking, Amegia, A-MTK, Arlotto, ASCT, AVTECH, Axis, Brickcom, Generic RTSP, Hunt, iPUX, LILIN, Messoa, ONVIF, Provideo, Shany, Surveon, VIVOTEK, YOKO, ZAVIO, ZOT	✓ Playback Mode: Max. 4CH playback
	✓ Playback Mode: 1, 2X2 view mode
	✓ Search Mode: By timeline
	✓ Playback Control: Play, pause, reverse play, previous key frame/next frame, speed control(1,

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- ✓ IP cameras auto discovery within LAN
- ✓ Video Compression: H.264/ MPEG-4/ M-JPEG
- ✓ Video Resolution: Up to 5 Megapixel
- ✓ Video Streaming: dual streaming with compression, resolution, frame rate, bit rate/quality, brightness, contrast, hue, saturation and sharpness settings
- ✓ Channels Support (Recording): allows for up to 64CH IP camera recording
- ✓ Audio: synchronized audio and video recording

Recording

- ✓ Recording Speed: Max. 64CH 1920FPS recording
- ✓ Recording Mode: Continuous/motion/alarm recording, multiple continuous/motion/alarm recording schedules
- ✓ Recording Buffer: Adjustable for pre-event recording and post-event recording, recycle HDD and keep video days

Dual Local Monitor

- ✓ Clone mode, two live view mode, live view + playback mode

Local live view

- ✓ Display Speed: Max. 64CH, 400FPS@1080P real-time monitoring
- ✓ Display Mode: 1, 2X2, 3X3, 3X4, 4X4, 5X5, 6X6, 7X7, 8X8, 1+5, 1+7, 1+2, 1+3, 1+12, sequential and event video view mode
- ✓ Display Resolution: 1920X1080
- ✓ Display Control: video snapshot, optical PTZ/digital PTZ control and audio control
- ✓ OSD information: camera name, date/time, record/event status

Local Playback

2,4, 8, 16), video snapshot, digital zoom and audio control

- ✓ Export: Convert recording video to AVI, ASF or MKV format and export to external USB device

Event Management

- ✓ Monitor video motion, digital input, camera disconnected, video loss, storage full, hard disk failure, backup failure, system boot-up, system shutdown and system configuration changed events within specified time.
- ✓ On-screen event alert, event log, digital output, email alert with attached recording video alert actions can be activated when an event is triggered

Backup

- ✓ Backup recording video of previous day to ftp server

System

- ✓ Support USB and network firmware upgrade and patch
- ✓ Support remote system shutdown and reboot
- ✓ Support remote console management

Security

- ✓ Authority Management: four-level privilege, different user rights can be assigned to different users
- ✓ Event Logs: detailed event logs
- ✓ User Logs: record of the users currently logged on and previously logged on to the NVR
- ✓ Software License Manager

Disk Management

- ✓ Support HDD S.M.A.R.T. to monitor hard disk drives status

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- ✓ Playback Speed: Max. 16CH playback
- ✓ Playback Mode: 1, 2X2, 3X3, 4X4 view mode
- ✓ Search Mode: By timeline, motion
- ✓ Playback Control: Play, pause, reverse play, previous frame/next frame, speed control(1, 2,4, 8, 16), video snapshot, digital zoom and audio control
- ✓ Export: convert recording video to AVI, ASF or MKV format and export to USB storage

Remote Live View

- ✓ View Mode: 1, 2X2, 3X3, 4X4, 5X5, 6X6, 7X7, 8X8, 1+5, 1+7, 1+2, 1+3, 1+12 and sequential display from NVR server
- ✓ OSD information: camera name, date/time, record/event status
- ✓ View Control: Full screen display, original video aspect ratio, video snapshot, optical PTZ/digital PTZ control and audio control
- ✓ Device Tree: Tree View listing
- ✓ Event Control: Event List, Digital Input status and digital output control

- ✓ Redundant storage with non-RAID, RAID-1, RAID-5 HDD modes

Network

- ✓ Dual streams: high resolution stream for recording and low bandwidth stream for local, remote or mobile live view
- ✓ Protocol: HTTP, DHCP, Static IP, DNS, PPPoE, DDNS, FTP, NTP, RDATE, SSH, UPnP and SMTP
- ✓ Timeout period for idle remote client to automatic log off
- ✓ Outgoing Bandwidth Limit

Utility

- ✓ NVR setup wizard (discovery NVR, NVR network setting and quick setup IP Camera)
- ✓ Windows remote client, iPhone/iPad client and Android client(coming soon)

iPhone/iPad and Android app

- ✓ 1, 4 screen division
- ✓ HD live view and event video playback
- ✓ Event push notification
- ✓ Snapshot for evident
- ✓ PTZ, ePTZ control

Hardware Specification

MNIZ-64P8HR5
Core i7 Processor
DOM: 1GB, Memory: 4GBx2
VGA*1, HDMI*1
Audio input*1, Audio output*1
USB2.0 : front*1, rear*4
Gigabit LAN port * 2
400W
482.6(L)*485.9(W)*88 (H) mm