

WS-NIP7632

32 Channel 12MP Ultra 2U Network Video Recorder



- Embedded Linux
- 32CH, 12 MP Camera Supported
- H.265, H.264, MJPEG codec support, SmartStream support
- 256Mbps network camera recording
- Max. 8HDD supported, eSATA / iSCSI storage supported
- RAID 5 supported
- Easy installation with hot-swap HDD
- HDMI / VGA local monitor
- ARB & Failover supported



System Overview

Western Security WS-NIP7632 network video recorder offers an excellent performance and high recording quality for IP video surveillance applications. For applications where details are critical for identification, this professional NVR provides a powerful processor with up to 12MP resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, center storage, and edge storage.

Designed as a cost-effective, easy installation, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems. Its open architecture supports multi-user access and is compatible with ONVIF Profile S, enabling interoperability when combined with 12MP cameras.

Functions

ARB (Auto Recovery Backup)

Video record in SD card in IP cameras when the network breaks down, and after the network recovered, the video will be transferred to NVR and then recorded in it.

12MP Resolution

This model supports up to 12MP ultra HD resolution (4000x3000) IPC input for recording, live viewing and playback.

RAID 5

Offering a balance between storage performance, storage capacity and data integrity, the NVR features RAID 5 for faster and safer recording.



Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux

Display

Interface	1 HDMI, 1 VGA
Resolution	4K (3840x2160), 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1/4/9/16/25/36
OSD	Camera Title, Time, Video Loss, Camera lock, Motion Detection, Recording

Video Detection and Alarm

Event Trigger	Alarm Input, Video loss, Camera event
Event Action	Email, PTZ preset, Alarm out, Buzzer, Monitor out

Playback and Backup

Playback	16 Channels Simultaneously
Playback Bandwidth	32Mbps
Playback Mode	Date & Time, Event Log List, Text Search, ARB search, Smart search
Backup Mode	USB, HDD, Network

Storage

Internal HDD	8 SATA Ports, Hot-swap HDD
Max. Capacity	48TB (Non-RAID) / 36TB (RAID 5)
eSATA	1 eSATA Port
External	iSCSI Storage (Max. 384TB)
RAID	RAID 5

Auxiliary Interface

USB	2 USB Ports
Alarm	8CH Alarm In, 1CH Alarm Reset, 4CH Alarm Out
Reset	1 Reset Switch

Audio

Audio In/Out	32CH In (Network), 1CH RCA Out
Audio Communication	Two-way audio

Recording

Compression	H.265, H.264, MJPEG, SmartStream
Recording Bandwidth	256Mbps
Resolution	CIF ~ 12MP
Record Mode	Manual, Schedule (Continuous, Event), Event (Pre, Post)

Network

Interface	2 RJ-45 WAN Port (1Gbps)
Transmission Bandwidth	512Mbps (w/o iSCSI) 256Mbps (w/ iSCSI)
Network Function	TCP/IP, UDP/IP, RTP, RTSP, NTP, HTTP, DHCP, PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF, P2P
Security	IP address filtering, User access log, 802.1x authentication, Encryption
Max. User Access	Search 3, Live unicast 10, Live multicast 20
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF Profile S

Electrical

Input Voltage	100 ~ 240VAC +/- 10%
Power Consumption	<99W

Environmental

Operating Conditions	0°C ~ +40°C, 20~85% RH
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Construction

Dimensions	2U, 445x92x389.4mm
Weight	6.15Kg (without HDD)
Installation	Rack mount

Ordering information

Type	Part Number	Description
32 Channel Network Video Recorder	WS-NIP7632	32 Channel 12MP Ultra 2U Network Video Recorder

