

# ZNR-421

## 32-Channel Rackmount Standalone NVR 12MP



- 4-bay Rackmount Standalone NVR
- Rack Space: 1U
- Maximum Number of Video Devices: 32
- Free License: 32
- Event trigger, response and notification
- Web Client, Mobile Client
- The product is for exporting only. Not apply to domestic orders (Taiwan).
- Video export formats: MP4

### ► Specifications

#### Device

Product Type	Standalone NVR
Maximum Resolution	12MP
Maximum Number of Video Devices	32
Maximum Number of Clients	Local: 1, Remote: 2

#### Hardware

CPU	Hi3536
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#### License

License required	No
Free License	32

#### Live View

Display Layout Mode	1, 4, 6, 8, 9, 16, 32
Digital Zoom	Yes
Event Status	Display event status upon alarm or upon connection loss or recovery between server and client
Instant Playback	Instant Playback in live view window

**PTZ**

PTZ Control	PTZ Control, Speed Control
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**Video**

Compression	H.265, H.264
Maximum Frame Rate vs. Resolution	20 fps at 4072 x 3076 30 fps at 3840 x 2160 20 fps at 2688 x 1520 25 fps at 1920 x 1080 25 fps at 1280 x 720

**Audio**

Audio Type	2-way, Line-in, Line-out
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**Network**

Ethernet Port	Total ports: 2 port(s) Non-PoE: 2 port(s), Ethernet (10/100/1000 Base-T), RJ-45 connector
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**Recording**

Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Maximum Recording Throughput	320 Mbps

**Search & Playback**

Playback Control	Continuous forward and backward playback with speeds 1/8x, 1/4x, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x, 128x, 256x, pause, stop
Synchronized Playback	16 channels
Video Export	MP4

**Event**

Event Trigger	[Video Device]: Video motion detection, External device through digital input, Sound detection, Intelligent event detection (Intrusion Detection, Tampering Detection)
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**System**

Permission control	128 Remote users, Customizable permissions for user groups
Client PC Operating System	Windows 7, Windows 8, Windows 10
Server Operating System	Embedded Linux
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, Playback, Supported device(s) iOS, Android device
USB	2-Port USB 2.0, 1-Port USB 3.0

**Integration**

ONVIF Compliant	Yes
Web Browser	IE 10 or newer

**Storage**

Storage Bay	SATA, Max. 4 Disk(s)
Maximum Recording Capacity	10TB x4
RAID Level	No

**Interface**

Digital Input/Output	16/4
Local Access	HDMI&VGA port for monitor, USB keyboard & mouse

**General**

Power Source	DC 12V
Power Consumption	12 W (DC)
Weight	3140g (6.92lb)
Dimensions	(W x H x D): 440mm x 44mm x 344mm (17.3" x 1.7" x 13.5") Rack Space: 1U
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	10% - 90% RH
Remote Access	Web Client, Mobile Client
Approvals	CE, FCC
Warranty	2 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

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## ► Related Products

### Mounting Accessories - Standalone NVR Mount

PMAX-1205	 Rack Bracket for ZNR-421
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**Note:** Some mounting accessories may need additional accessories for installation. Please check [www.acti.com/mountingselector](http://www.acti.com/mountingselector) for more information.

### Network & Storage Peripherals - Hard Disk

PHDD-2200	 WD WD1005FBYZ 1TB 3.5" Hard Disk Drive, 7200 RPM 128 MB Cache (for ENR-0x0P, ENR-110, ENR-120, ENR-130, ENR-22x, ENR-22xP, GNR-310, GNR-320, INR-100, INR-340, INR-430, INR-440, INR-450, INR-460)
PHDD-2301	 HGST ULTRASTAR 7K6000 2TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)
PHDD-2400	 WD WD30PURX 3TB 3.5" Hard Disk Drive for Data Storage (for ENR-110, ENR-120, ENR-130, ENR-140, ENR-190, ENR-1xxx, GNR-3000, INR-310, INR-320, and INR-330)
PHDD-2501	 HGST ULTRASTAR 7K6000 4TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)
PHDD-2700	 WD WD60PURX 6TB 3.5" Hard Disk Drive - 6000 RPM 64MB Cache for Data Storage (for ENR-110, ENR-120, ENR-130, ENR-140, ENR-190, GNR-3000, INR-310, INR-320, and INR-330)
PHDD-2702	 HGST ULTRASTAR 7K6000 6TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)