

# ZNR-220P

## 16-Channel Desktop Standalone NVR with 16-port PoE Connectors 12MP



- 2-bay Desktop Standalone NVR
- Maximum Number of Video Devices: 16
- Built-in PoE Connectors (16 ports)
- Web Client
- Video export formats: MP4

### ► Specifications

#### Device

Product Type	Standalone NVR
Maximum Resolution	12MP
Maximum Number of Video Devices	16
Maximum Number of Clients	Local: 1, Remote: 2

#### Hardware

CPU	Hi3536
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#### License

License required	No
Free License	16

#### Live View

Local Live View performance	4ch (up to 20 fps at 12MP) 4ch (up to 30 fps at 4K 3840 x 2160) 8ch (up to 30 fps at 4MP) 16ch (up to 30 fps at 2MP 1920 x 1080)
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: 17 port(s) Non-PoE: 1 port(s), Ethernet (10/100/1000 Base-T), RJ-45 connector PoE: 16 port(s), Ethernet (10/100 Base-T), RJ-45 connector
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**Recording**

Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Maximum Recording Throughput	160 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
Server Operating System	Embedded Linux
USB	1-Port USB 2.0, 1-Port USB 3.0
Language	English

**Integration**

ONVIF Compliant	Yes
Web Browser	IE 10 or newer

**Storage**

Storage Bay	SATA, Max. 2 Disk(s)
Maximum Recording Capacity	8TB x2
RAID Level	No


**Interface**

Digital Input/Output	4/1
Local Access	HDMI/VGA monitor, USB Mouse

**General**






PoE Output	Maximum 30 Watts per port
PoE Power Budget	Maximum 240 W
Power Source	AC 100-240V
Power Consumption	20 W (AC)
Weight	2480g (5.47lb)
Dimensions	(W x H x D): 380mm x 315mm x 46mm (15" x 12.4" x 1.8")
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Operating Humidity	10% - 90% RH
Remote Access	Web 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>

**▶ Related Products****Mounting Accessories - Standalone NVR Mount**

PMAX-1204	 Rack Bracket for ZNR-220P, ZNR-221P
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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-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	 WD Ultrastar 6TB 3.5" Hard Disk Drive, 7200 RPM 256MB Cache

**Other Accessories - Accessory Part**

R704-X0000	 SATA Power Cable (for ZNR series)
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