

ZNR-220P

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



- 2-bay Desktop Standalone NVR
- Maximum Number of Video Devices: 16
- Free License: 16
- Built-in PoE Connectors (16 ports)
- Event trigger, response and notification
- Web Client, Mobile 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

Display Layout Mode	1, 4, 6, 8, 9, 16
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
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, Playback, Supported device(s) iOS, Android device
USB	1-Port USB 2.0, 1-Port USB 3.0

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 keyboard & 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, Mobile Client
Approvals	CE, FCC
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

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

PMAX-1204	 Rack Bracket for ZNR-220P
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Note: Some mounting accessories may need additional accessories for installation. Please check 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	 HGST ULTRASTAR 7K6000 6TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)