

ZNR-221P

16-Channel Desktop Standalone NVR with 16-port PoE Connectors 8MP



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

► Specifications

Device

Product Type	Standalone NVR
Maximum Resolution	8MP
Maximum Number of Video Devices	16
Maximum Number of Clients	Local: 1, Remote: 2
Supported Screen Resolution	HDMI: 3840x2160 (30Hz), 1920x1080 (60Hz/50Hz), 1600x1200 (60Hz), 1280x1024 (60Hz), 1280x720 (60Hz), 1024x768 (60Hz) VGA: 1920x1080 (60Hz/50Hz), 1280x1024 (60Hz), 1280x720 (60Hz), 1024x768 (60Hz)

License

License required	No
Free License	16

Live View

Display Layout Mode	1, 4, 6, 8, 9, 10,13,16
Local Live View performance	2ch (up to 30 fps at 4K 3840 x 2160) 4ch (up to 30 fps at 4MP) 5ch (up to 30 fps at 3MP) 8ch (up to 30 fps at 2MP 1920 x 1080) 16ch (up to 30 fps at 720p)
Digital Zoom	Yes

PTZ

PTZ Control	PTZ Control, Speed Control
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Video

Compression	H.265, H.264
Text Overlay	Yes

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 1x/2x/4x/8x/16x, pause, stop, frame-by-frame
Synchronized Playback	16 channels
Video Export	MP4

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
USB	1-Port USB 3.0

Integration

ONVIF Compliant	Yes
Web Browser	IE 10 or newer

Storage

Storage Bay	SATA, Max. 2 Disk(s)
HDD Size	3.5"
Maximum Recording Capacity	10TB x2
RAID Level	No

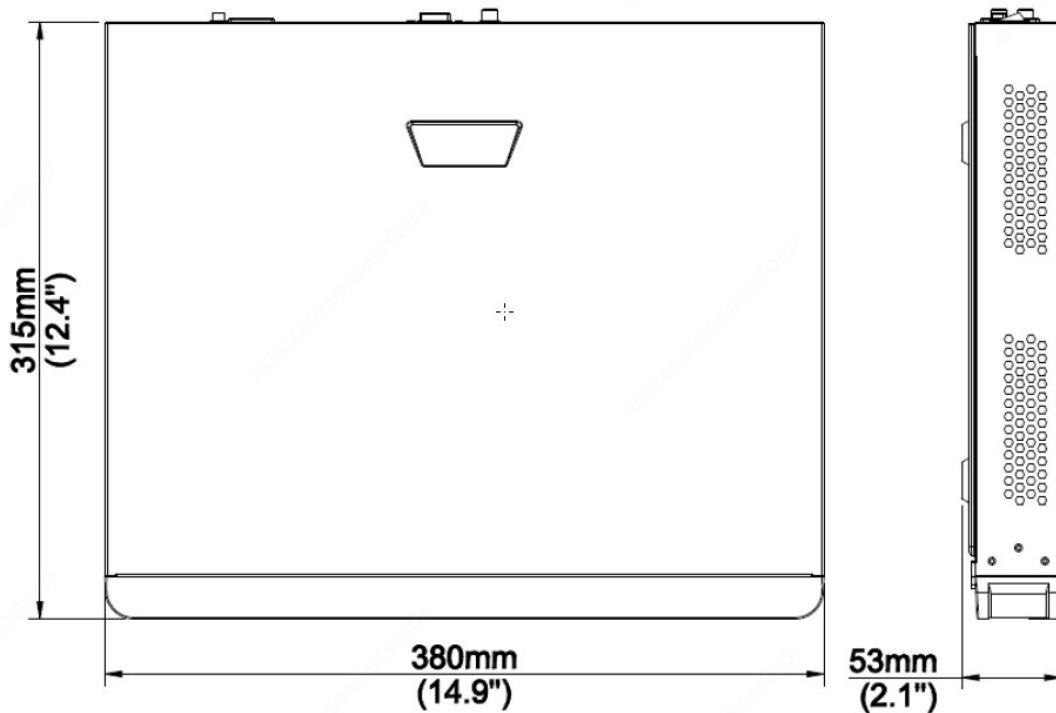
Interface

Audio Interface	1/1, RCA Jack
Digital Input/Output	4/1 (Terminal block)
Local Access	USB keyboard & mouse
Local Display Interface	HDMI x 1, VGA x 1

General

PoE Output	Maximum 30 Watts per port
PoE Power Budget	Maximum 240 W
Power Source	AC 100-240V
Power Consumption	10 W (AC, without HDD)
Weight	2600g (5.29lb)
Dimensions	(W x H x D): 380mm x 53mm x 315mm (15" x 2.1" x 12.4")
Bundled Accessories	Power cord, USB Mouse
Fan	Yes
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	10% - 90% RH
Remote Access	Web Client
Color	Black
Material	Iron
Warranty	2 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

► Dimension Diagram



Unit: mm [inch]

► Related Products

Mounting Accessories - Standalone NVR Mount

PMAX-1204



Rack Bracket for ZNR-220P

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-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-2501



HGST ULTRASTAR 7K6000 4TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)

PHDD-2702



WD Ultrastar 6TB 3.5" Hard Disk Drive, 7200 RPM 256MB Cache

PHDD-2900



WD WD8002FRYZ 8 TB 3.5" Hard Disk Drive, 7200 RPM 128 MB Cache (for GNR-310, GNR-320, INR-100, INR-340, INR-410, INR-430, INR-440, INR-450, INR-460)

PHDD-2A00



WD WD101KRYZ 10TB 3.5" Hard Disk Drive, 7200 RPM 256MB Cache (for ENR-xxx, ENR-xxxP, GNR-330, GNR-410, INR-100, INR-340, INR-410, INR-430, INR-440, INR-450, INR-460, INR-470)

PHDD-2B01



HGST ULTRASTAR 7K6000 12TB 3.5" Hard Disk Drive, 7200 RPM 256MB Cache

PHDD-2E01



HGST ULTRASTAR 7K6000 14TB 3.5" Hard Disk Drive, 7200 RPM 512MB Cache