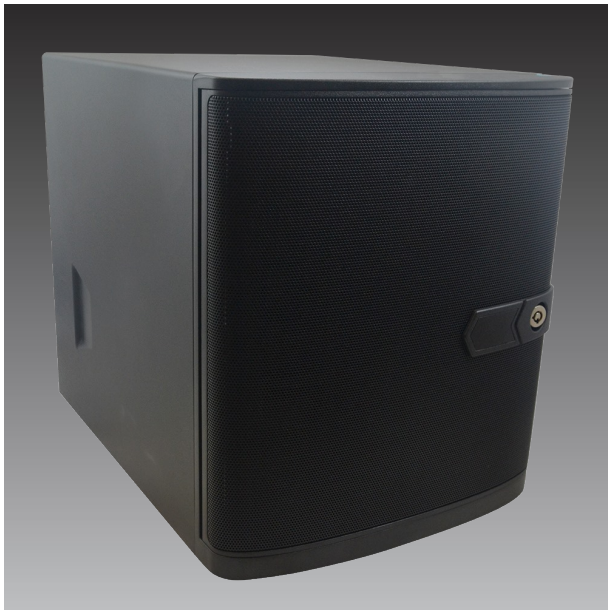# ENR-321P

32-Channel Tower Standalone NVR with 16-port PoE Connectors

- 4-bay Tower Standalone NVR
- Maximum Number of Video Devices: 32
- Free License: 32
- Built-in PoE Connectors (16 ports)
- Event trigger, response and notification
- Web Client, Mobile Client
- Video export formats: RAW, AVI
- Location-based management with e-Map
- Hi3536, 4GB

▶ Specifications

Device

Product Type	Standalone NVR
Maximum Resolution	Support all ACTi cameras in all resolutions
Maximum Number of Video Devices	32
Maximum Number of POS devices	32
Maximum Number of Access Control and Network I/O devices	32
Maximum Number of Clients	Local: 1, Remote: 2
Supported Screen Resolution	HDMI: 1080p, 4K2K (Output 4k2k to TV monitor will be supported through future firmware upgrade.)

Hardware

CPU	Hi3536
RAM	4GB

License

License required	No
Free License	32

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• For product and mounting accessory information, visit: www.acti.com/products and www.acti.com/mountingselector
• All specifications are subject to change without notice.

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Live View

Display Layout Mode	Custom dynamic layouts by grid merging, local up to 16 video channels, remote up to 32 video channels
Fisheye Dewarping	Local: Yes*, Remote: Yes
Local Live View performance	Please check "Standalone NVR Performance Validator" (http://www.acti.com/SANVRPerformance)
Digital Zoom	Yes (available for remote web client)
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

Map

e-Map	Yes
Google Map	Yes
Layout	Area maps with camera icons, small live view windows, hyperlinked
Setup	e-Map image upload, camera positioning
PTZ Mode	Mouse PTZ mode to control e-Map video streams

PTZ

PTZ Control	PTZ Control, Speed Control, 32 preset points
Joystick	USB based joystick supported

Video

Compression	H.265, H.264, MJPEG
Text Overlay	Yes

Audio

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

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP (Server/Client), PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, SMTP, ICMP, ARP, UPnP, iSCSi, Samba, NFS, SNMP
Ethernet Port	Total ports: 18 port(s) (WAN) Non-PoE: 1 port(s), Ethernet (1000 Base-T), RJ-45 connector (LAN) Non-PoE: 1 port(s), Ethernet (1000 Base-T), RJ-45 connector PoE: 16 port(s), Ethernet (10/100 Base-T), RJ-45 connector

Recording

Scheduled Recording	Yes
Event Recording	Yes
Manual Recording	Yes
Event Speed-up Recording	Yes
Dual Stream Management	Yes
Maximum Recording Throughput	300 Mbps

Search & Playback

Playback Control	Continuous forward and backward playback with speeds 0.125x/0.25x/0.5x/1x/2x/4x/8x/16x, pause, stop

Synchronized Playback	16 channels
Recording Search	Search video recordings by time, events, channels and bookmarks*
Video Export	RAW, AVI

Event

Event Trigger	[NVR]: Disk full, Disk not found, System booted successfully, Expiration of user accounts, Expiration of specific event schedule, Event action failed, S.M.A.R.T test failed. [Video Device]: Video motion detection, External device through digital input, Sound detection, Video loss, Network loss and recovery, [Extended Device]: Point-of-sale (POS) status, Network I/O status, Access Control status
Event Response	Play alert sound, Activate external device through digital output, E-mail notification with snapshots, Go to PTZ preset point or preset tour, Command other devices, Push notification

System

Permission control	Unlimited number of users, Active Directory*, Customizable permissions for user groups*, Account lockout*, Automatic logout after idle*
Client PC Operating System	Windows 10, Windows 8.1, Windows 7 SP1
Server Operating System	Embedded Linux
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, PTZ Control, Event/time based search and playback, Supported device(s) iOS, Android device
USB	2-Port USB 2.0, 1-Port USB 3.0
Language	Multi-Language

Integration

Unified Solution	Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software
ONVIF Compliant	Yes, Profile S
Web Browser	IE 11 (Please verify that your computer meets the minimum system requirements for Internet Explorer from Microsoft website.)
Auto Firmware Upgrade	Yes
Third-party Integration	Point of Sale (POS), Parking Management Station (PMS), Access Control, Network I/O

Storage

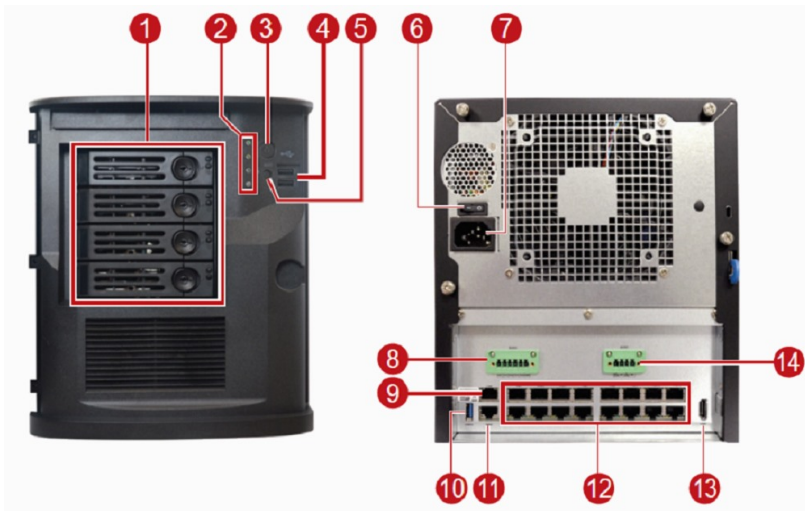|	
Storage Bay	SATA, Max. 4 Disk(s) (without storage disks)
HDD Size	3.5"
Maximum Recording Capacity	14TB x4
RAID Level	No
Supported Storage	Video Recording: SATA disk, iSCSI Export*: USB iSCSI, Samba NFS

Interface

Digital Input/Output	2/2
External Storage Interface	iSCSI
Local Access	USB keyboard & mouse
Local Display Interface	HDMI x 1,

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General

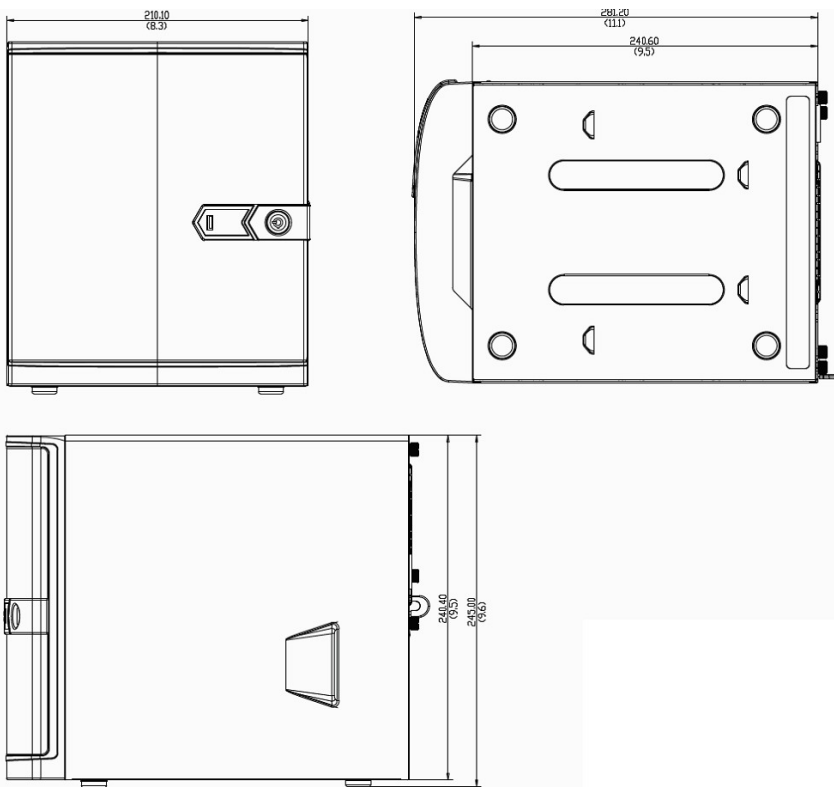|	
PoE Output	Maximum 30 Watts per port
PoE Power Budget	Maximum 180 W
Power Source	AC 100-240V
Weight	5201g (11.466lb)
Bundled Accessories	Power Adapter
Fan	Yes
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Remote Access	Web Client, Mobile Client
Approvals	CE, FCC, UL (for built-in power adapter)
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

* To be available through future firmware upgrade

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▶ Photo Indication

❶	Hard Disk Bay	❽	Digital Input/Output
❷	LED Indicators	❾	LAN Ports
❸	Power Button	❿	USB 3.0 Port
❹	USB 2.0 Ports	⓫	WAN Port
❺	Reset Button	⓬	PoE Ports
❻	Main Switch	⓭	HDMI Port
❼	Power Input Connector	⓮	Audio Input / Output

▶ Dimension Diagram

Unit: mm [inch]

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▶ Ordering Information

LEXD1000	The license is for access control reader and network I/O device to work on ACS-100, Access Control Standard Server. The number of add-on device supported: 1-300 (ACS-100), No Limit (Access Control Standard Server). Price listed is for single device add-on license.
LPOS1000	The license is for POS register to work on . Price listed is for single device add-on license.

▶ Related Products

Network & Storage Peripherals - Hard Disk

PHDD-1200		WD WD10JUCT 1TB 2.5" Hard Disk Drive for Data Storage (for MNR-310, MNR-320P, MNR-330P)
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

Audio Devices - Microphone

PMIC-0101		YLD-122 Active Microphone (for ENR)

2021/1/31

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