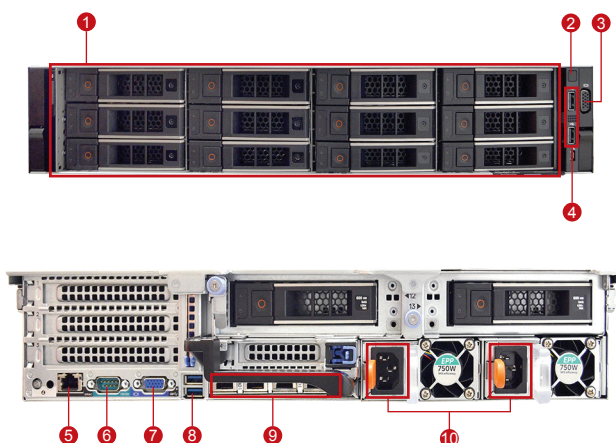# INR-470

200-Channel 12-Bay RAID Rackmount Standalone NVR with Redundant Power Supply, Additional Computing Power

- 12-bay Rackmount (2U) with hardware RAID (0,1, 5, 6, 10, 50, 60)
- Manage up to 200 cameras or video encoders
- Recording up to 200 channels
- Live view local up to 16-channel, remote up to 64-channel
- Integrate with POS systems, access control and network I/O
- Synchronized playback local up to 9-channel, remote up to 64-channel
- Export video with RAW and AVI formats
- Event trigger, response and notification
- Mobile Client, Web Client, Workstation
- Location-based management with e-Map
- 64-channel free license included
- Non-ACTi camera support via licensed Camera Device Pack
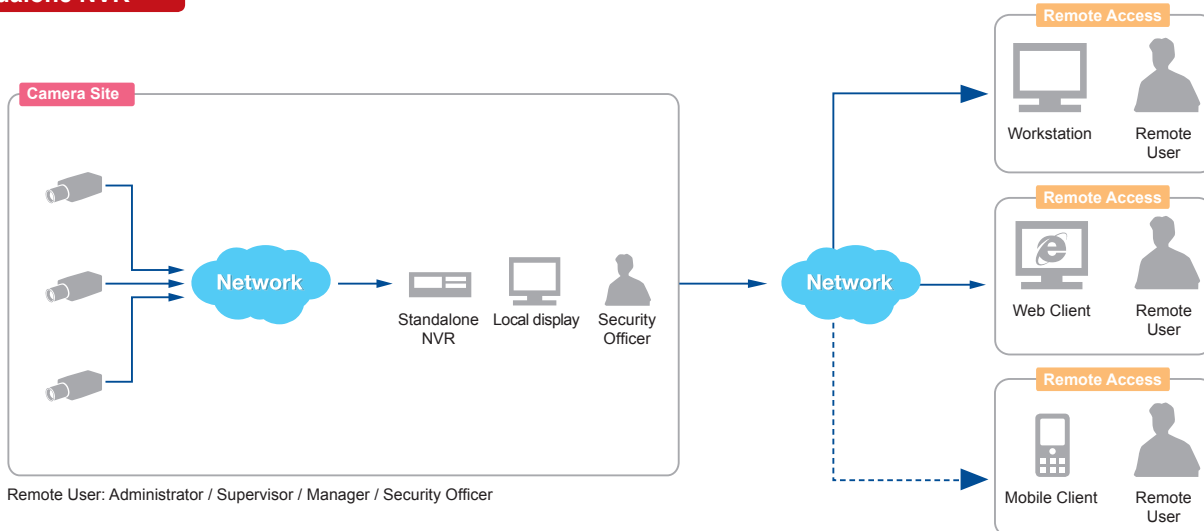- Power redundancy
- Additional computing power

PHOTO INDICATION

①	Storage Disk Bays (12)	⑥	Serial Port
②	Power Button	⑦	VGA Port 2
③	VGA Port 1	⑧	USB 3.0 Ports
④	USB 2.0 Ports	⑨	LAN Ports
⑤	Service Port	⑩	Power Input

SOLUTION ARCHITECTURE

Standalone NVR

Remote User: Administrator / Supervisor / Manager / Security Officer

* Latest product information: www.acti.com/product/
* Accessory information: www.acti.com/accessory/

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INR-470

PRODUCT SPECIFICATION

INR-470	
• General	
Full Name	ACTi Standalone Network Video Recorder INR-470
Maximum Number of Clients	1 local, 5 remote
Maximum Number of Cameras	200 Channels
Maximum Number of POS Devices	200 Channels (requires additional license)
Maximum Number of Access Control and Network I/O Devices	200 Channels (requires additional license)
Free License	64 Channels (64-channel for ACTi and 1-channel for third-party video device)
Maximum Local Display Resolution	1920 x 1080
• Live View	
Display Layout Mode	Local: 1, 4, 5, 6, 8, 9, 10, 12, 16 Remote: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, Custom
Fisheye Dewarping	Yes
Digital Zoom	Yes
Event Status	Display event status upon alarm or upon connection loss or recovery between server and client or when the allocated disk space is full
Instant Playback	Instant playback in live view window
Embedded Websites in Live View	Display and connect to pre-configured embedded website
• e-Map	
e-Map	Yes
Google Map	Yes
Layout	Area maps with camera icons, small live view windows; hyperlinked
Setup	e-Map Image Upload, Google Maps Settings and Preset Management, Camera Positioning, Vision Angle and Pointed Direction of Camera, View Positioning, Source Positioning, Extended Devices for Point-of-Sale (POS), Access Control, Network I/O, Car Park
PTZ Mode	Mouse PTZ mode to control e-Map video streams
• PTZ	
Control	PTZ Control, Speed Control, 32 preset points
Preset Points and Tours	Create preset points; create auto tours between preset points
Joystick	USB based joystick supported
• Video	
Compression	H.265, H.264, MPEG-4, MPEG
Built-in Analytics	Visual Tracking
• Network	
Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP Client, HTTP, DNS, NTP, RTP, SMTP, FTP, ICMP, ARP, UPnP, LDAP (client), iSCSi
Ethernet Port	Total ports: 4 ports Non-PoE: 4 ports, Ethernet (1000 Base-T), RJ-45 connector
• Recording	
Scheduled Recording	Yes
Event Recording	Yes
Event Speed Up Recording	Yes
Manual Recording	Yes
Dual Stream Management	Yes
Maximum Recording Throughput	500 Mbps (with at least 2 groups of RAID5)
• Search & Playback	
Playback Control	Continuous forward and backward playback with speeds 1x/2x/4x/8x/16x or frame-by-frame, pause, stop
Synchronized Playback	Up to 9 channels for local display and up to 64 channels for remote client
Recording Search	Search video recordings by time, events, channels, bookmarks, notifications and listed as clickable time-based thumbnails for full-size view and snapshot download
Smart Search	Smart search of recorded video by Motion Detection and Tamper
Video Export	RAW, AVI, EXE
Manual Snapshot	Instant snapshot from playback upon mouse click
• Event Management	
Video Push	Support Video Push from ACTi Mobile Client Devices
Event Trigger	[NVR]: Disk full, Disk not found, Disk is available, Schedule service start and stop, Video Push start and stop, CPU limit exceeded [Video Device]: Video motion detection, Passive IR sensor, External device through digital input, Sound detection, Intelligent event detection, RFID detection, Video Push start and stop, Video loss, Video Recovery, Network loss and recovery, [Extended Device]: Point-of-sale (POS) status, Network I/O status, Access Control status, Car park status
Event Response	Pop-up window with live video and event confirmation activation, Switch to hotspot window, Switch to customize view, Command a PTZ device to go to a preset point, Play alert sound, Activate external device through digital output, Execute system command to activate other programs, Upload video or snapshot to FTP server, E-mail notification with snapshots, Push notification
• Redundancy Server	
Redundancy Service	Yes, N-to-N, N+1 (With limited functions when NVR 3 server acts as Redundancy server)

ACTi
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INR-470

• System

Permission Control	Unlimited number of users, Active Directory, Customizable permissions for user groups, Account lockout, Automatic logout after idle, Playback password protected, Password validity period
Client PC Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016
Server Operating System	Windows 10 Embedded
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, PTZ Control, Video Push, Event/time based search and playback, iPad, Android device
USB	2 ports, USB 2.0, 2 ports, 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
GPS Position	Manual Setting
ONVIF Solution	Yes, Profile S
Web Browser	Internet Explorer 11
Third-Party Integration	Point-of-sale (POS), Access control, Network I/O, Parking Management Station (PMS)
Licensing Part Numbers	ACTi video device license: LNVR3003 Third-party video device integration license: LCDP1003 POS device integration license: LPOS3000 Access control and network I/O device integration license: LEXD3000

• Storage

System Drive	2.5" SAS HDD, 600 GB x 2
HDD Bay	SAS/SATA, Max. 12 Disks (without storage disk)
HDD Size	3.5"
Maximum Recording Capacity	12TB x 12
RAID Level	Hardware RAID 0, 1, 5, 6, 10, 50, 60 (RAID 5: support up to 100 channels)
Supported Storage	Video recording: SATA disk, iSCSI Export: iSCSI, USB

• Interface

Serial Port	1 x RS-485 / RS-422
External Storage Interface	iSCSI, USB
Local Access	USB stick, keyboard and mouse
Local Display Access	VGA x 2

• Hardware

CPU	Intel Xeon Silver 4110
RAM	16GB, DDR4, 2666MT/s (24 DIMM slots, maximum up to 3TB)

• General

Power Source	AC 100 V ~ 240 V
Redundant Power Supply	Yes
Weight	10.3kg (22.71lb)
Dimensions (W x H x D)	482 mm x 88 mm x 620 mm (19" x 3.5" x 24.4") Rack Space: 2U
Bundled Accessories	Rackmount rails
Mount Type	Rackmount (19", 26")
Operating Temperature	4°C ~ 40°C (39.2°F ~ 104°F)
Operating Humidity	0% ~ 85% RH
Remote Access	Workstation, Web Client, Mobile Client
Approvals	CE, FCC, UL (for built-in power adapter)

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www.acti.com

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