# INR-320

## 64-Channel RAID Tower Standalone NVR 10MP



- Hardware RAID 0, 1, 5, 10
- Maximum Number of Video Devices: 64
- Free License: 32 (32 channels for ACTi and 1 channel for third-party video device)
- Event trigger, response and notification
- Workstation, Web Client, Mobile Client
- Video export formats: AVI, RAW
- Location-based management with e-Map
- Non-ACTi camera support via licensed Camera Device Pack

## Specifications

### Device

| | |
|---|---|
| Product Type | Standalone NVR |
| Maximum Resolution | 10MP |
| Maximum Number of Cameras | 64 |
| Maximum Number of Video Devices | 64 |
| Maximum Number of Clients | Local: 1, Remote: 4 |

### Hardware

| | |
|---|---|
| CPU | Intel Atom D510 |
| RAM | 2GB |

### License

| | |
|---|---|
| License required | Yes |
| Free License | 32 (32 channels for ACTi and 1 channel for third-party video device) |

### Live View

| | |
|---|---|
| Display Layout Mode | Local:1,4,6,8,9,10,12,16, Remote:1,4,9,16,25,36,49,64 |
| Fisheye Dewarping | Yes |
| Local Live View performance | Please check "Standalone NVR Performance Validator" (http://www.acti.com/SANVRPerformance) |

| | |
|---|---|
| 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 |

## Map

| | |
|---|---|
| e-Map | Yes |
| Layout | Area maps with camera icons, small live view windows, hyperlinked |
| Setup | e-Map image upload, camera positioning, map linking |
| 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

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|---|---|
| Compression | H.265, H.264, MPEG-4, MJPEG |

## Audio

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|---|---|
| Audio Type | 2-way |

## Network

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|---|---|
| Network Protocol & Service | IPv4/v6, TCP, UDP, DHCP Client, HTTP, DNS, NTP, RTP, RTSP, SMTP, FTP, ICMP, ARP, UPnP, LDAP (client), iSCSi |
| Ethernet Port | Total ports: 2 port(s) Non-PoE: 2 port(s), Ethernet (1000 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 1x/2x/4x/8x/16x or frame-by-frame, pause, stop |
| Synchronized Playback | 9 channels (Local), 64 channels (Remote) |
| Smart Search | Smart search of recorded video by Motion Detection and Tamper |
| Video Export | AVI, RAW |

## Event

| | |
|---|---|
| Event Trigger | Disk full, Disk not found, Disk is available, Video motion detection, Passive IR sensor, External device through digital input, Video loss, Video Recovery, Network loss and recovery |

| | |
|---|---|
| Event Response | Pop-up window with live video, 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 |

## System

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|---|---|
| Permission control | Unlimited number of users and user groups, Active Directory, Customizable permissions for user groups, Playback password protected, Password validity period |
| Client PC Operating System | Windows 10, Windows 8.1, Windows 7 SP1, Windows Server 2012 R2, Windows Server 2008 R2 SP1 |
| Server Operating System | Windows 7 Embedded |
| Mobile Client Program | Mobile device application (ACTi Mobile Client) supports Live View, PTZ Control, Event/time based search and playback, iPad, Android device |
| USB | 6-Port USB 2.0 |

## Integration

| | |
|---|---|
| Unified Solution | Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software |
| GPS Position | Manual setting |
| 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.) |

## Storage

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|---|---|
| System Drive | HDD, 500GB |
| Storage Bay | SATA, Max. 6 Disk(s) (1 bay is occupied by system HDD) |
| HDD Size | 3.5" |
| Maximum Recording Capacity | 5TB x5 |
| RAID Level | Hardware RAID 0, 1, 5, 10 |
| Supported Storage | Video Recording: SATA disk, iSCSI<br>Export: iSCSI, USB |

## Interface

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|---|---|
| External Storage Interface | eSATA, iSCSI, USB |
| Local Access | USB joystick, keyboard & mouse |
| Local Display Interface | VGA x 1, |

## General

| | |
|---|---|
| Power Source | AC 100-240V |
| Weight | 6320g (13.93lb) |
| Dimensions | (W x H x D): 214mm x 218mm x 313mm (8.4" x 8.6" x 12.3") |
| Fan | Yes |
| Operating Temperature | 0°C ~ 40°C (32°F ~ 104°F) |
| Operating Humidity | 10% - 85% RH |
| Remote Access | Workstation, 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 |



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

# Related Products

## Network & Storage Peripherals - Extended Storage Device

| | | |
|---|---|---|
| PSTR-0201 |  | PROWARE EP-2123-UA-R 2U 12-Bay eSata USB RAID Storage Device (for GNR-3000, GNR and INR Series except INR-440, INR-450) |
| PSTR-0400 |  | PROWARE EN-2126JS6T-SQX 2U 12-Bay NAS RAID Storage Device (for GNR-3000, MNR-320P, MNR-330P, and all GNR and INR Series) |

## Network & Storage Peripherals - Network IO Module

| | | |
|---|---|---|
| PIOB-0100 |  | Advantech ADAM-6060 6 Digital Input and 6 Digital Output Network I/O Module |
| PIOB-0200 |  | Advantech ADAM-4571 1-Port RS-232/422/485 Network I/O Module |

## Data Cables - USB-Serial Converter Cable

| | | |
|---|---|---|
| PIOC-0200 |  | USB to RS-232 Serial Converter Cable |