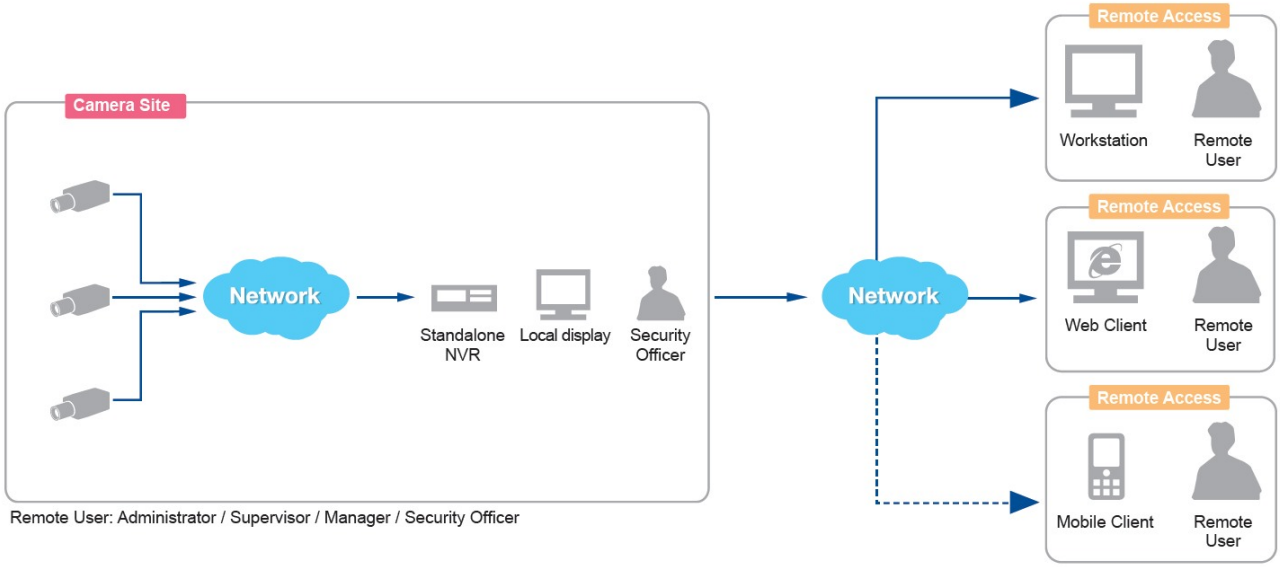
GNR-3000

64-Channel Tower Standalone NVR



- 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: RAW, AVI, EXE
- Location-based management with e-Map
- Non-ACTi camera support via licensed Camera Device Pack

Solution Diagram



Specifications

Device

Product Type	Standalone NVR
Maximum Resolution	Support all ACTi cameras in all resolutions

Maximum Number of Cameras	64
Maximum Number of Video Devices	64
Maximum Number of POS devices	64 (requires additional license)
Maximum Number of Access Control and Network I/O devices	64 (requires additional license)
Maximum Number of Clients	Local: 1, Remote: 4

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, 3, 4, 5, 6, 8, 9, 10, 12, 16, Remote:1, 3, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, Custom
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
Embedded websites in Live View	Display and connect to pre-configured embedded website

Map

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

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

Video

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

Audio

Audio Type	2-way

Network

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)
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

Event

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, 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+1 (With limited functions when NVR 3 server acts as Redundancy server)

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 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, Video Push, Event/time based search and playback, Supported device(s) iPhone, iPad, Android device
USB	4-Port USB 2.0
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 Compliant	Yes, Profile S
Web Browser	IE 11 (Please verify that your computer meets the minimum system requirements for Internet Explorer from Microsoft website.)
Third-party Integration	Point of Sale (POS), Access Control, Network I/O, Parking Management Station (PMS), (Various optional integrations requiring additional license)

Storage

Storage Bay	SATA, Max. 5 Disk(s) (1 bay is occupied by system HDD)
HDD Size	3.5"
Maximum Recording Capacity	5TB x4
Supported Storage	Video Recording: SATA disk, iSCSI Export: iSCSI, USB

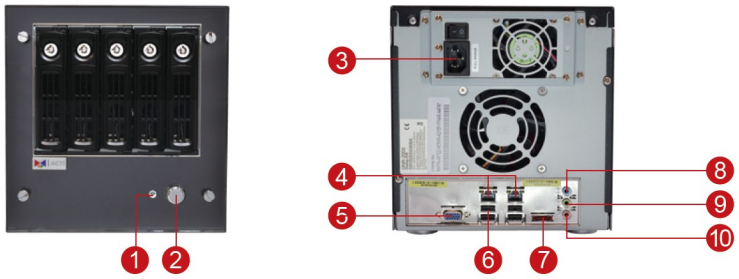
Interface

External Storage Interface	eSATA, iSCSI, USB
Local Access	VGA port for monitor, USB joystick, keyboard & mouse

General

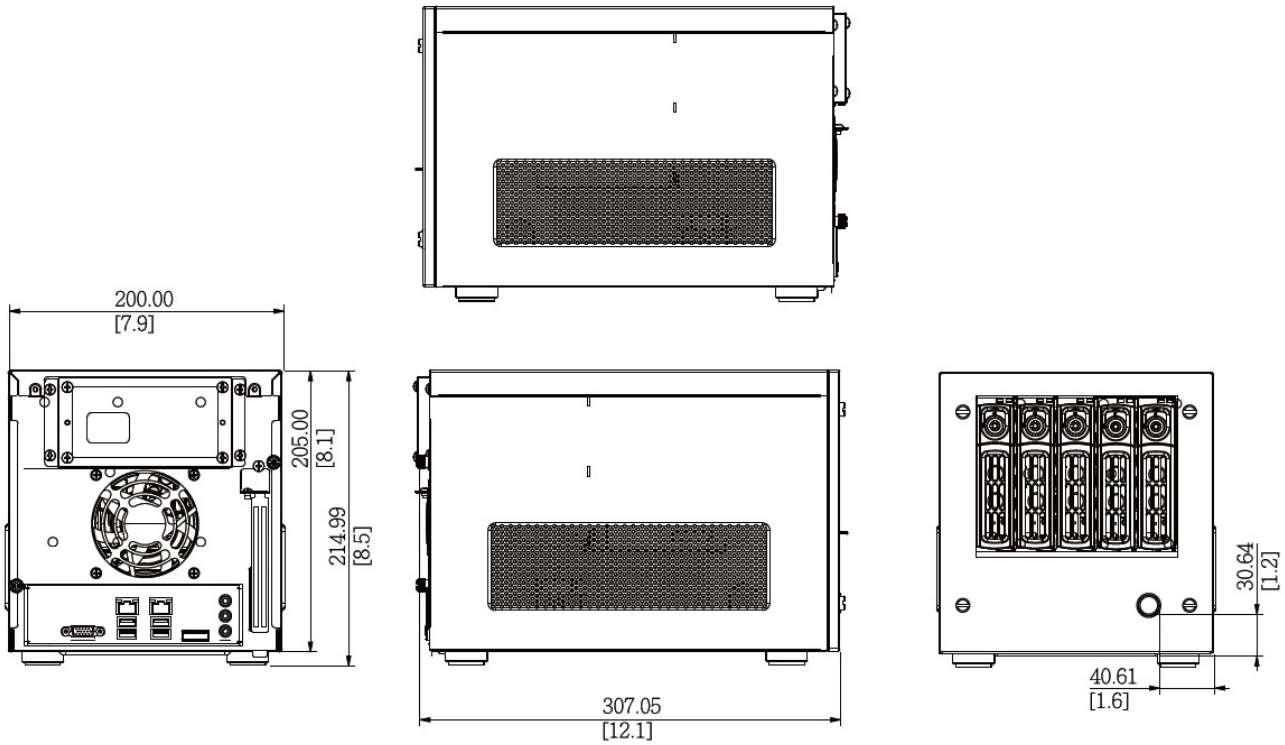
Power Source	AC 110-220V
Power Consumption	200 W (AC)
Weight	6050g (13.338lb)
Dimensions	(W x H x D): 200mm x 215mm x 313.5mm (7.9" x 8" x 12")
Fan	Yes
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	10% - 85% RH
Remote Access	Workstation, Web Client, Mobile Client
Approvals	CE, FCC, UL (for built-in power adapter)
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

Photo Indication



1. Power LED
2. Power Button
3. AC Power Input
4. Ethernet Port
5. VGA Port
6. USB Port
7. eSATA Port
8. Audio Input
9. Audio Output
10. Mic Input

Dimension Diagram



Unit: mm [inch]

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)

Controllers - Joystick

PJSK-0100		Apem 100-550-BLK-RF Joystick for PTZ Control (for all ENR, INR, and MNR Series)

2021/6/13