CMS-201

1-Bay 1U 6400-Channel Rackmount Standalone CMS



- 6400 channels, 200 Free Licenses
- 1 Storage Bay(s)
- Rack Space: 1U, Rackmount Standalone CMS
- Windows 11 IoT Enterprise High End
- Intel Core i7-8700, 16GB
- Audio, HDMI x 1, Display Port x 2
- Workstation, Web Client, Mobile Client
- Multi-Browser Support
- Taiwan IoT Cybersecurity Certification

Specifications

Product Profile

Product Type	Standalone CMS
Maximum Resolution	Support all ACTi cameras in all resolutions
Maximum Number of Video Devices	6400
Maximum Number of POS devices	6400 (requires additional license)
Maximum Number of Access Control and Network I/O devices	6400 (requires additional license)
Maximum Number of Clients	Local: 1, Remote: 5

Hardware

CPU	Intel Core i7-8700
RAM	16GB, DDR4, 2666MT/s

License

License required	Yes
Free License	200

Live View

Display Layout Mode	Local: 1, 3, 4, 5, 6, 8, 9, 10, 12, 16 Remote (IE client): 1, 3, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64 Remote (Lite web client): 1, 3, 4, 5, 6, 8, 9, 10, 12, 16 Remote (Workstation): 1, 3, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, 81, 100, 121 (11x11), 144 (12x12), 169 (13x13), 196 (14x14), 225 (15x15) ** CMS display grid cells can be merged into different shape and size.
Fisheye Dewarping	Yes (Live View, Playback, Export)
Maximum display layout	225
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
Google Map	Yes
Layout	Area maps with camera icons, small live view windows, view linker, source linker, event trigger
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
PTZ Mode	Mouse PTZ mode to control e-Map video streams

PTZ

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

Video

Compression	H.265, H.264, MPEG-4, MJPEG
Hardware Accelerated Decoding	Yes (for workstation PC only), H.264, H.265

Audio

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

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP Client, HTTP, HTTPS, DNS, NTP, RTP, RTSP, SMTP, FTP, ICMP, ARP, UPnP, LDAP (client)
Ethernet Port	2 x Ethernet (1000 Base-T), RJ-45 connector
Security	Support Trusted Platform Module 2.0 (TPM 2.0), Microsoft Defender for anti-malware protection

Recording

Manual Recording	Yes

Dual Stream Management	Yes

Search & Playback

Playback Control	Continuous forward and backward playback with speeds (1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256) or frame-by-frame, pause, stop
Synchronized Playback	up to 225 layout grids**
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
Video Export	RAW, AVI, MP4, EXE
Snapshot Export	BMP, JPEG, PNG
Embedded Media Player	Yes, supports up to 64 channels view

Event

Video Push	Support Video Push from ACTi Mobile Client devices
Event Trigger	[Local Server]: CPU limit exceeded, GPU Loading Detection for workstation only, Memory limit exceeded (Server PC, media server, schedule service). [NVR]: Source loss and recovery, Schedule service start and stop, Disk full, Disk not found, Disk is available. [Video Device]: Video motion detection, Passive IR sensor, External device through digital input, Intelligent event detection, Video loss and recovery, Network loss and recovery. [Extended Device]: Point-of-sale (POS) status, Network I/O status, Access Control status
Event Response	Play alert sound, Execute system command to activate other programs, E-mail notification with snapshots, Pop-up window with live video, Switch to hotspot window, Switch to customize view, Play alert sound, Send video to TV Wall server, Send Snapshot to Line Messenger

System

Permission control	Unlimited number of users, Active Directory, Customizable permissions for user groups, Playback password protected, Password validity period, Password Expiration Notification
Watchdog	Support
Server Operating System	Windows 11 IoT Enterprise High End
Client PC Operating System	Windows 7 SP1, Windows 8.1, Windows 10, Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports Live View, PTZ Control, Event/time based search and playback, Supported device(s) iPad, Android device
USB	6-Port USB 2.0, 4-Port USB 3.1
Language	Multi-Language

Integration

Supported NVR Servers	NVR3 based NVR: GNR series, INR series, MNR-3x0 ENR-series: ENR-010P, ENR-020P, ENR-130, ENR-190, ENR-2xx, ENR-3xx, ENR-4xx, MNR-1xx
Unified Solution	Fully compatible with ACTi cameras, encoders, central management system and TV wall
GPS Position	Manual setting

ONVIF Compliant	Profile S, Profile G, Profile T (officially listed as ONVIF conformant at www.onvif.org)
Web Browser	IE 11 (Please verify that your computer meets the minimum system requirements for Internet Explorer from Microsoft website.), Lite web client: Microsoft Edge 80.0.361.66 (Normal mode) or newer, Google Chrome 71.0.3578 or newer, Firefox 64.0.2 or newer, Apple Safari 12.0.2 or newer
Third-party Integration	Point of Sale (POS), Access Control, Network I/O, Parking Management Station (PMS), (Various optional integrations requiring additional license)

Storage

System Drive	SSD, 256GB
Storage Bay	SATA, Max. 1 Disk(s) (without storage disks)
HDD Size	3.5"

Interface

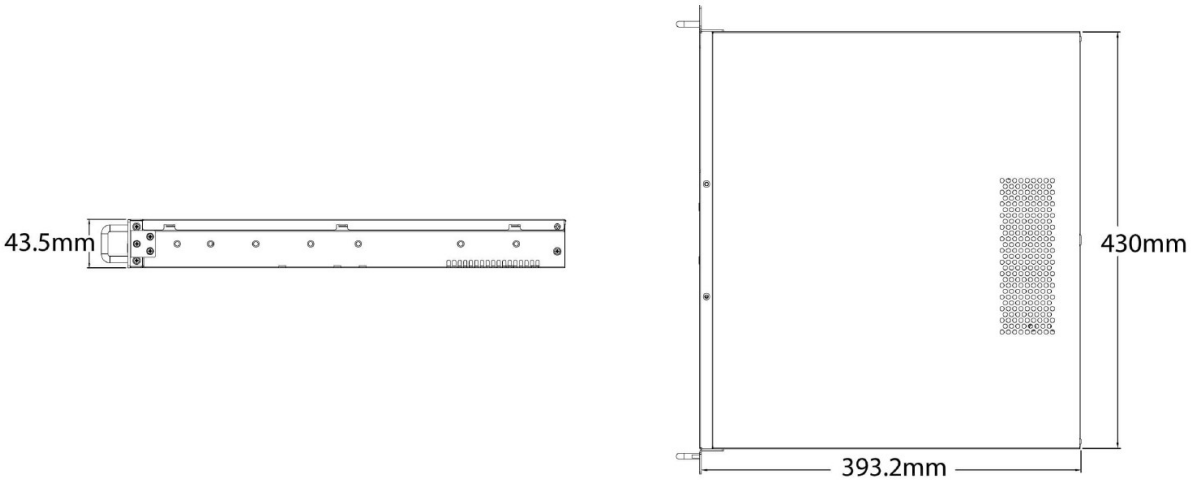
Serial Port	1 x RS-232
Audio Interface	1/1, 3.5mm Phone Jack
External Storage Interface	USB
Expansion Slots Available	1 x PCIe 3.0 (x1) 1 x PCIe 3.0 (x4) 1 x PCIe 3.0 (x8) 1 x PCIe 3.0 (x16)
Local Access	USB keyboard & mouse
Local Display Interface	HDMI x 1, Display Port x 2

General

Power Source	AC 100-240V
Power Supply	315W
Weight	3670g (8.09lb)
Dimensions	(W x H x D): 393.2mm x 43.5mm x 430mm (15.48" x 1.71" x 16.93") Rack Space: 1U
Bundled Accessories	Power cord
Fan	Yes, 4 fan(s)
Operating Temperature	10°C ~ 35°C (50°F ~ 95°F)
Operating Humidity	8% - 90% RH, non-condensing
Remote Access	Workstation, Web Client, Mobile Client
Approvals	CE Class B, FCC Class B, Taiwan IoT Cybersecurity Certification (TAICS Level 1, CNS-16120 Level 1)
Color	Silver
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

** The actual maximum number of channels may vary depending on the server/client PC performance and network throughput.

Dimension Diagram



Unit: mm [inch]

Ordering Information

LCMS2000	The license is for channel to work on CMS 2. The number of add-on channels supported: 1-6398. Price listed is for single channel add-on license. CMS 2: The Central Management System managing unlimited NVR servers, providing Live view and Playback up to 64 channels; Smart Search; Export video; Event management; e-Map; free license for 2-channel ACTi NVR servers included.

Related Products

Mounting Accessories - Standalone NVR Mount

PMAX-1208		20" Rackmount Rails for CMS-201, PCR-204, ACS-402

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-2501		HGST ULTRASTAR 7K6000 4TB 3.5" Hard Disk Drive, 7200 RPM 128MB Cache (for ENR-1xx, ENR-0x0P, ENR-22x, ENR-22xP)

PHDD-2G00		WD Ultrastar 18TB 3.5" Hard Disk Drive, 7200 RPM 512MB Cache
PHDD-2I00		WD Ultrastar 20TB 3.5" Hard Disk Drive, 7200 RPM 512MB Cache
PHDD-2J00		WD Ultrastar 22TB 3.5" Hard Disk Drive, 7200 RPM 512MB Cache

2026/10/15