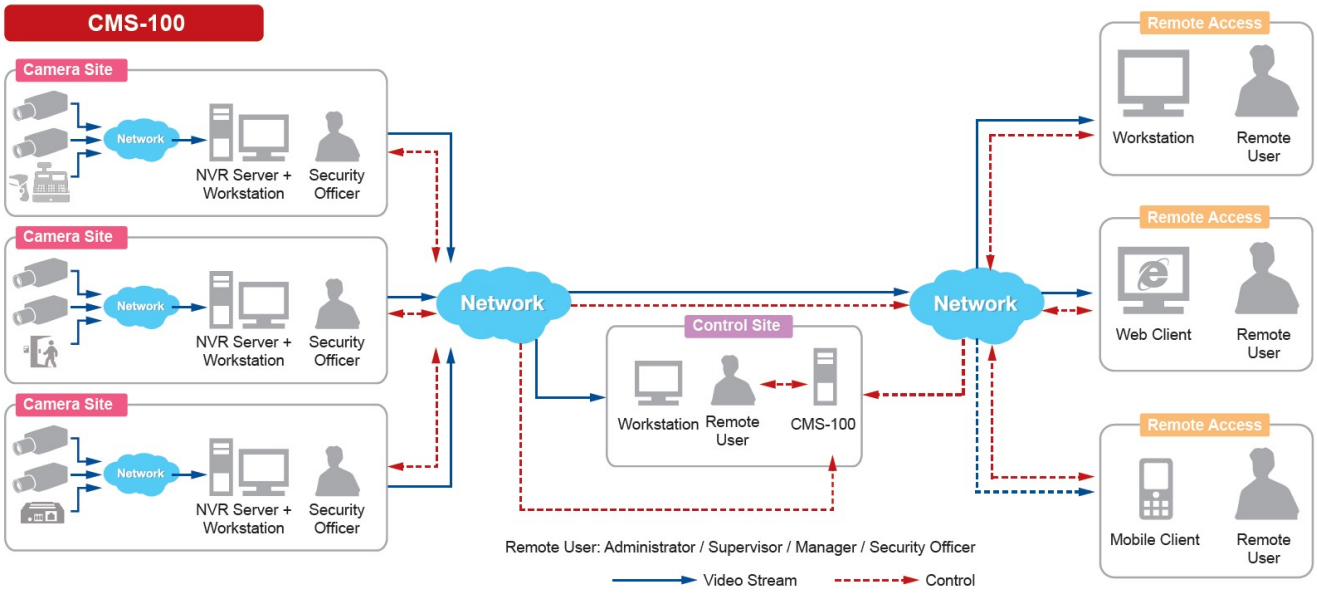
CMS-100

800-Channel Mini Standalone CMS



- 800 channels, 100 Free Licenses
- Storage Bay(s)
- Mini Standalone CMS
- Windows 11 IoT Enterprise High End
- Intel Core i7-8700, 8GB
- HDMI x 1, Display Port x 2
- Workstation, Web Client, Mobile Client
- Multi-Browser Support

Solution Diagram



Specifications

Product Profile

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

Maximum Number of Video Devices	800
Maximum Number of Clients	Local: 1, Remote: 5

Hardware

CPU	Intel Core i7-8700
RAM	8GB, DDR4, 2666MT/s

License

License required	Yes
Free License	100

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, 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
Joystick	USB based joystick supported

Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG, MPEG-4

Audio

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

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP Client, HTTP, DNS, NTP, RTP, RTSP, SMTP, FTP, ICMP, ARP, UPnP, LDAP (client)
Ethernet Port	2 x Ethernet (1000 Base-T), RJ-45 connector

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

Event

Video Push	Support Video Push from ACTi Mobile Client devices
Event Trigger	Source loss and recovery, Schedule service start and stop, Disk full, Disk not found, Disk is available, Video motion detection, Passive IR sensor, External device through digital input, Sound detection, Video loss, Video Recovery, Network loss and recovery, Point-of-sale (POS) status, Network I/O status, Access Control status
Event Response	NVR:, Play alert sound, Execute system command to activate other programs, E-mail notification with snapshots, Product Profile:, Pop-up window with live video, Switch to hotspot window, Switch to customize view, Play alert sound, Send video to TV Wall 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
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
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	9-Port USB 3.0, 1-Port USB Type C
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, TV wall and intelligent video surveillance software
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, 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	M.2 SSD, 256GB
Storage Bay	SATA, Max. 1 Disk(s) (without storage disks)
HDD Size	3.5"

Interface

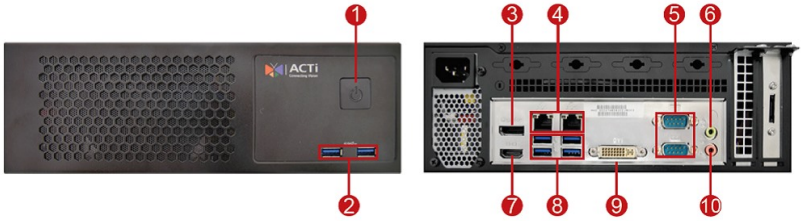
External Storage Interface	USB
Local Access	USB keyboard & mouse
Local Display Interface	HDMI x 1, Display Port x 2

General

Power Source	AC 100-240V
Power Supply	250W
Weight	3279g (7.229lb)
Dimensions	(W x H x D): 255mm x 88mm x 230mm (10" x 3.5" x 9.1")
Fan	Yes, 1 fan(s)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	5% - 90% RH, non-condensing
Remote Access	Workstation, Web Client, Mobile Client
Approvals	CE, FCC, UL (for built-in power adapter)
Color	Black
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

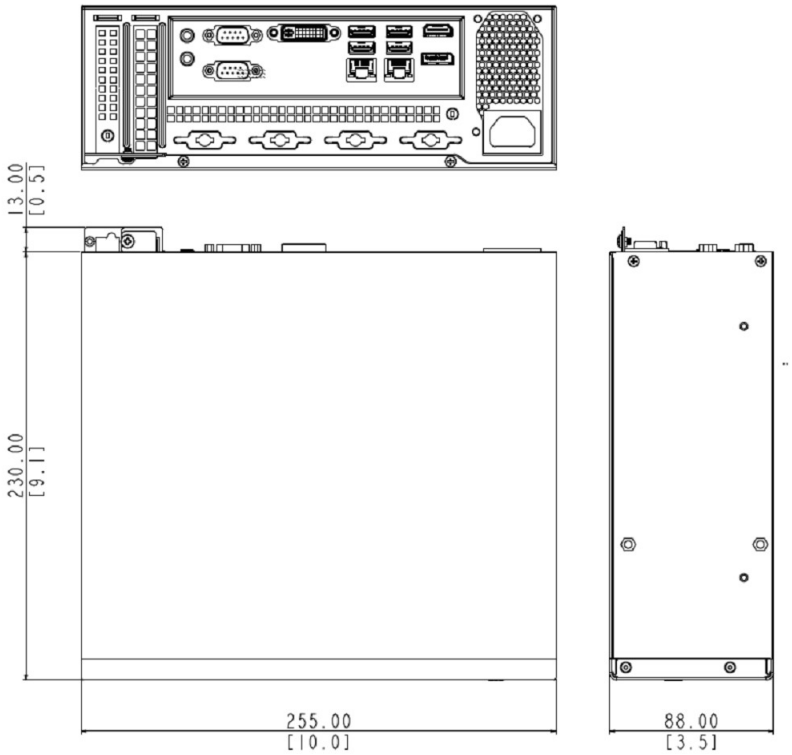
** The actual maximum number of channels may vary depending on the server/client PC performance and network throughput.

Photo Indication



1. Power Button
2. USB 3.0 Port
3. Display Port
4. Ethernet Port
5. Serial Port
6. Audio Line-out
7. HDMI Port
8. USB 3.0 Port
9. DVI Port
10. Audio Mic-in

Dimension Diagram



Unit: mm [inch]

Related Products

Other Accessories - Accessory Part

R718-B0002		Windows 10 LTSC 2019 License