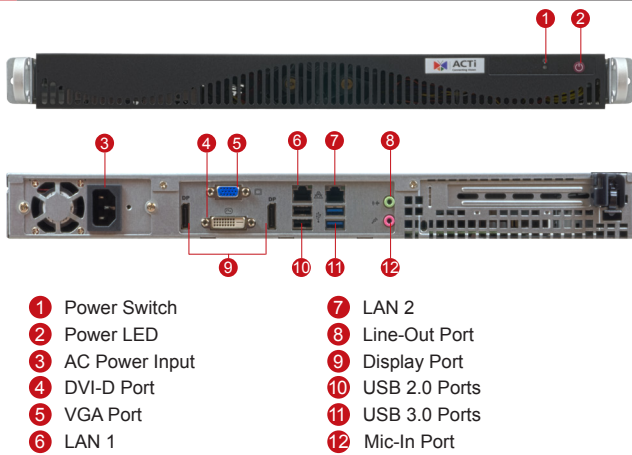# CMS-200

ACTi 1600 Channel 1-Bay Rackmount Standalone CMS
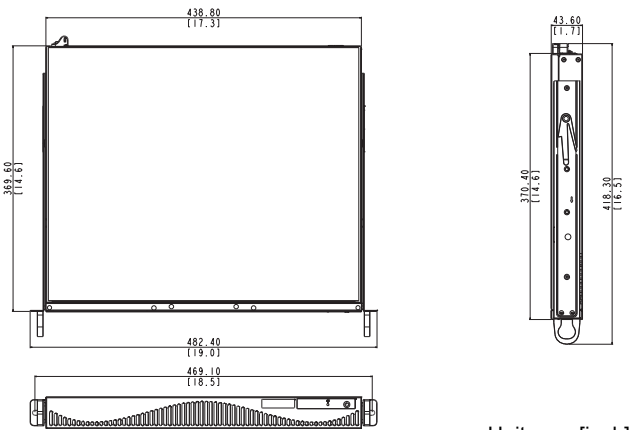
- Manage 1600 channels across multiple NVRs
- 100 licenses bundled
- Live view local up to 16 channels
- Synchronized playback:
  Local up to 9 channels / 64 channels remotely
- Export video with RAW and AVI formats
- Event trigger, response and notification
- Mobile Client, Web Client, Workstation
- Location-based management with eMap
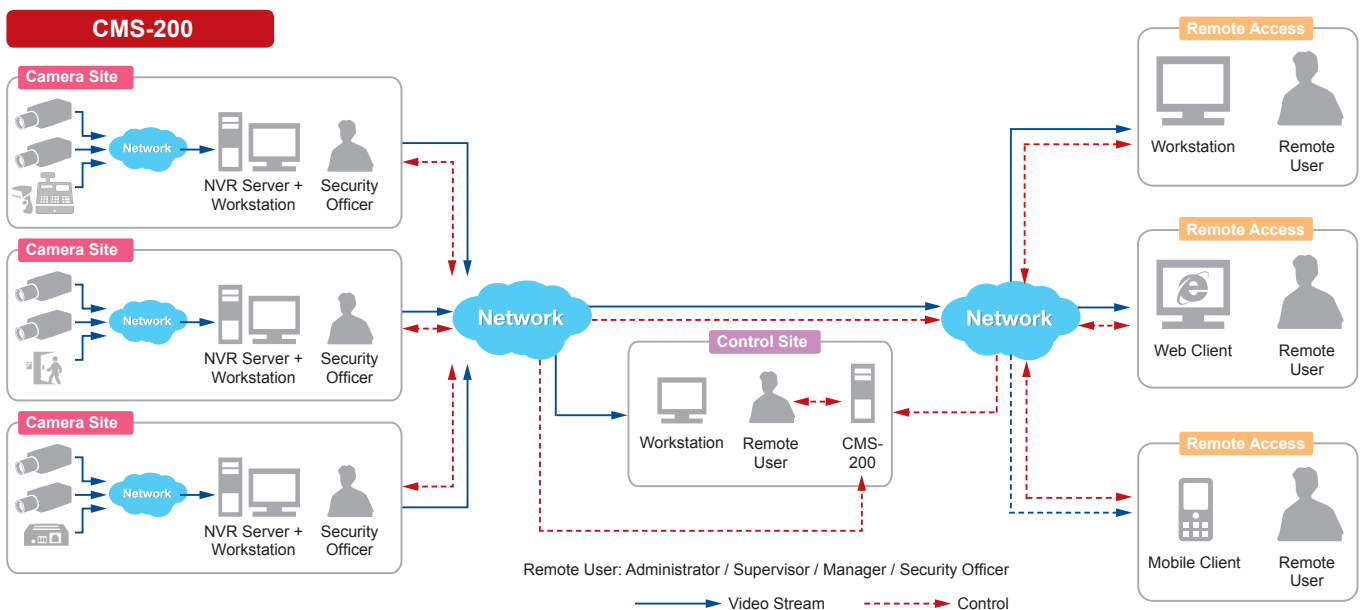- TV Wall support by additional software license

PHOTO INDICATION

1	Power Switch	7	LAN 2
2	Power LED	8	Line-Out Port
3	AC Power Input	9	Display Port
4	DVI-D Port	10	USB 2.0 Ports
5	VGA Port	11	USB 3.0 Ports
6	LAN 1	12	Mic-In Port

DIMENSION DIAGRAM

438.80 [17.3]
369.60 [14.6]
482.40 [19.0]
469.10 [18.5]
43.60 [1.7]
370.40 [14.6]
418.30 [16.5]

Unit: mm [inch]

SOLUTION ARCHITECTURE

CMS-200

Camera Site
Network
NVR Server + Workstation
Security Officer

Camera Site
Network
NVR Server + Workstation
Security Officer

Camera Site
Network
NVR Server + Workstation
Security Officer

Network

Network

Control Site
Workstation
Remote User
CMS-200

Remote Access
Workstation
Remote User

Remote Access
Web Client
Remote User

Remote Access
Mobile Client
Remote User

Remote User: Administrator / Supervisor / Manager / Security Officer

Video Stream ——— Control - - - -

ACTi
Connecting Vision

160318

PRODUCT SPECIFICATION

CMS-200	
• General	
Maximum Number of NVR	Unlimited
Maximum Number of Clients	1 local, 5 remote (concurrent)
Maximum Number of Cameras	1600
Free License	100 channels for video devices
Compression	H.264, MPEG-4, MJPEG
NVR Management	Import management settings of NVR servers
• Live View	
Display Layout Mode	1, 4, 5, 6, 8, 9, 10, 12, 16, Custom
View Manager	An interface to define display layouts and the pre-set cameras within layout in the public or private view
View Patrol	Automatic switch between different views or devices
View Panel	Contains the list of pre-defined views for quick launch
Instant playback	Instant playback in live view window
Layout Manager	An interface to define display layouts and the pre-set cameras within layouts; full-screen mode available
Device Panel	Drag and drop video source from device panel into display layout
Digital Zoom	Zoom in/out digitally by mouse scroll wheel
Manual Recording / Snapshot	Instant recording to NVR 3.0 Server upon mouse click / Instant snapshot upon mouse click
Event Display Panel	Alarm; Connection loss/recovery between server and client; the allocated disk space full; Point-of-sale (POS), access control and network I/O status
Two-Way Audio	Audio sound from and to all the audio supported devices; audio broadcast to multiple devices at the same time
Dual Stream Management	Live view of stream 1 or stream 2 of dual stream devices
• e-Map	
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	
Control	Pan, tilt and zoom controls; speed control; both buttons and overlay controls
Preset Points and Tours	Activate NVR preset points or auto tours between preset points
Joystick	USB based joystick supported
Default Protocol	Auto-detect camera's PTZ protocol. Available protocols: ACTi, Pelco-P, Pelco-D, Dynacolor, Visca
• Storage	
HDD Interface	Serial ATA
Maximum HDD Capacity	6TB x 1
HDD Bay	Maximum 1 SATA disk (Without Storage Disk)
• Search & Playback	
Recording Search	Search video recordings by time, event, channel and bookmark from multiple NVRs, and listed as clickable thumbnails for full-size view and snapshot download
Playback Control	Continuous forward and backward playback with speeds 1x/2x/4x/8x or frame-by-frame; pause; stop
Synchronized Playback	9 channels (local), 64 channels (remote)
Manual Snapshot	Instant snapshot from playback upon mouse click
Digital Zoom	Zoom in/out digitally by mouse scroll wheel or by zoom control buttons
Video Export	Export video clips in AVI or RAW format; text overlay and point-of-sale (POS) transaction data supported
• Event Management	
Event Source	Receive events from multiple NVR servers
Event Trigger	**NVR:** source loss and recovery; schedule service start and stop; disk status; bookmark; GPS positioning/reception Loss **Device:** video motion detection; passive IR sensor; external device through digital input; video loss and recovery; network loss and recovery; point-of-sale (POS) status; network I/O status; access control allowed/denied
Event Response	**NVR:** record video; play beep sound; execute system command to activate other programs; e-mail notification **Device:** pop-up window with live video; switch to hotspot window; play beep sound; activate external device through digital output; upload snapshot to FTP server; execute system command to activate other programs; e-mail notification with snapshots; command a PTZ device to go to a preset point
Manual Event	Manually activate external devices through digital output via live view monitor
• System	
Operating System	Win 7 (64 bit) Std. Embedded
Permission Control	Unlimited number of users, Active Directory, customizable permissions for user groups; playback password protected, password validity period
Language	Multi-language support
Language Import / Export	Possibility to import or export language packs for convenient local language management
Customizable User Interface	Define the layout of user interface for live view and playback
• Remote Access	
PC Client Program	User interface program (Workstation) with live view, PTZ, playback, e-Map, event management, setup
PC Web Browser	Microsoft Internet Explorer with live view, PTZ, playback, e-Map, event management, setup
Mobile Client Program	Mobile device application (ACTi Mobile Client) supports live view, PTZ control, event or time based search and playback. Supported devices: iPhone, iPad, iTouch and Android device
• Hardware	
CPU	Intel Processor
Local Display Interface	DVI, VGA, Display Port
Ethernet Ports	LAN1: 10/100/1000 Mbps LAN2: 10/100/1000 Mbps
USB	8 (2 Front Ports, 6 Rear Ports)
Dimensions (W x H x D)	88 x 482 x 560 mm (3.5" x 19" x 22.1")
Weight	11.42 kg (25.17 lb)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	10%~85% RH
Power Source / Consumption	110V~220V AC 50/60Hz / 85W
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B)
• Integration	
Unified Solution	Fully compatible with ACTi cameras, encoders, NVR 3.0
Open Platform Solution	Support ONVIF compliant devices

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