

# CMS-100

## 800-Channel 1-Bay Standalone CMS



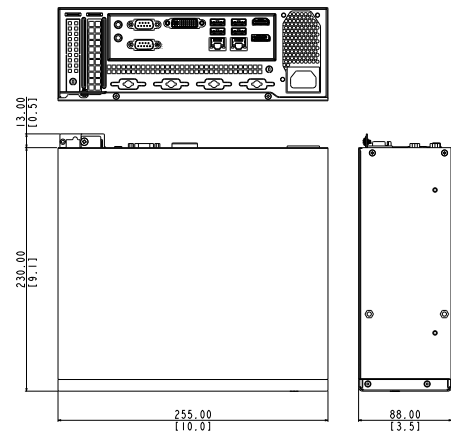
- Manage 800 channels across multiple NVRs
- 100 licenses bundled
- Live view local up to 64 channels
- Synchronized playback:
  - Local up to 9 channels / 64 channels remotely
- Export video with RAW and AVI formats
- Event trigger, response and notification
- Mobile Client, Web Client, Workstation
- Location-based management with eMap
- TV Wall support by additional software license

### PHOTO INDICATION



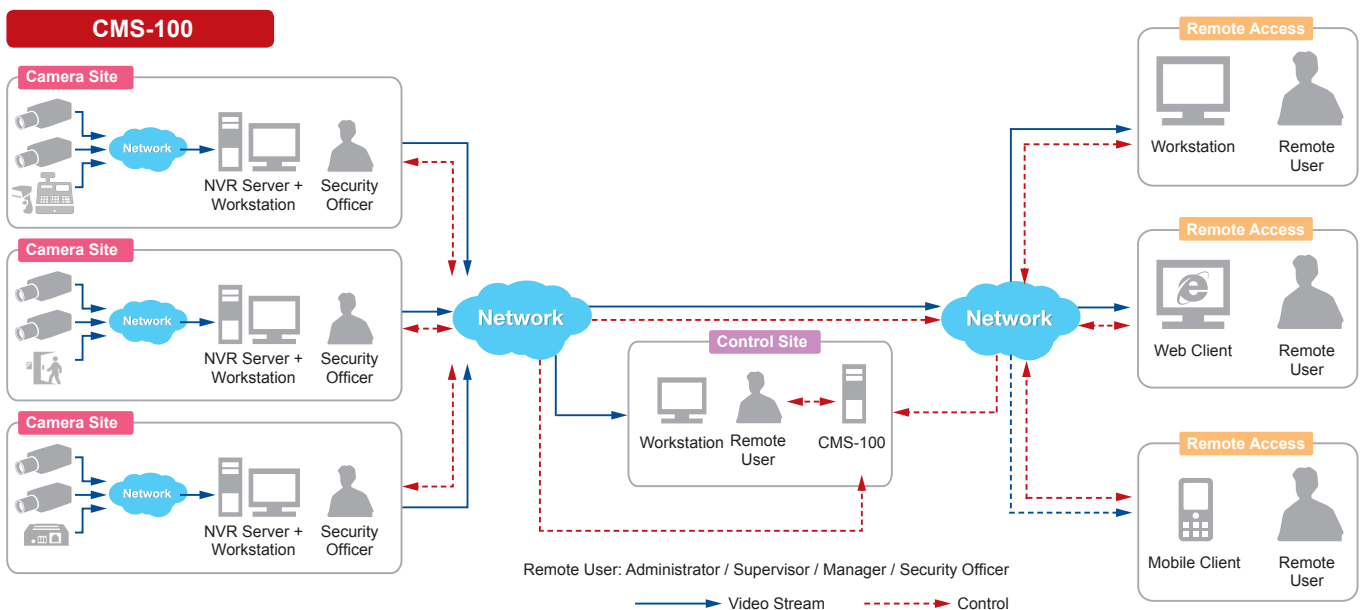
- |                 |                  |
|-----------------|------------------|
| 1 Power Button  | 6 Audio Line-out |
| 2 USB 3.0 Port  | 7 HDMI Port      |
| 3 Display Port  | 8 USB 3.0 Port   |
| 4 Ethernet Port | 9 DVI Port       |
| 5 Serial Port   | 10 Audio Mic-in  |

### DIMENSION DIAGRAM



Unit: mm [inch]

### SOLUTION ARCHITECTURE



**PRODUCT SPECIFICATION****CMS-100**

<b>• General</b>	
Maximum Number of Clients	1 local, 5 remote
Maximum Number of Cameras	800
Free License	100 channels for video devices
Compression	H.265, H.264, MPEG-4, MJPEG (Depends on the NVR server compression type)
NVR Management	Import / change management settings of NVR servers
<b>• Live View</b>	
Display Layout Mode	1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64, 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
Device Panel	Drag and drop video source from device panel into display layout
Digital Zoom	Zoom in/out digitally by mouse scroll wheel or by zoom control buttons
Manual Recording / Snapshot	Instant recording/snapshot to NVR 3.0 Server 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, stream 2 or stream 3 of multi-stream devices
<b>• e-Map</b>	
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 and Network I/O
PTZ Mode	Mouse PTZ mode to control e-Map video streams
<b>• PTZ</b>	
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
<b>• Storage</b>	
HDD Interface	Serial ATA
Maximum HDD Capacity	10TB x 1
HDD Bay	Maximum 1, 3.5" SATA disk (Without Storage Disk)
External Storage Interface	eSATA, iSCSi, USB mass storage
<b>• Search &amp; Playback</b>	
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/16x 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
<b>• Event Management</b>	
Event Source	Receive events from multiple NVR servers
Event Status	Event display panel of alarm; connection loss/recovery between server and client; the allocated disk space full; Point-of-sale (POS); access control and network I/O status
Event Trigger	<b>NVR:</b> Source loss and recovery, Disk full, Disk not found, Disk is available, Schedule service start/stop <b>Device:</b> Video motion detection, Passive IR sensor, External device through digital input, Sound detection, Video loss and Recovery, Network loss and recovery <b>Extend Device:</b> Point-of-sale (POS) status, Network I/O status, Access control allowed/denied, Car park status <b>NVR:</b> Play alert sound, Execute system command to activate other programs, E-mail notification with snapshots
Event Response	<b>Device:</b> Pop-up window with live video, Switch to hotspot window, Switch to customize view, Play alert sound, Send video to TV Wall server
Manual Event	Manually activate external devices through digital output via live view monitor
<b>• System</b>	
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
Customizable User Interface	Define the layout of user interface for live view and playback
GPS Position	Manual setting for ACTI Mobile Client Android Application and URL command integration only
Maximum Network Throughput	300Mbps
<b>• Remote Access</b>	
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
<b>• Hardware</b>	
CPU	Intel Core i7-6700TE
RAM / System Drive	8GB / 120G SSD
Local Display Interface	DVI x 1, VGA x 1, Display Port x 1
Audio port	Mic-in; Line out / 3.5mm phone jack
Ethernet Ports	2 x Gigabit Ethernet ports
USB Ports	6 x USB 3.0 (2 front panel/ 4 Rear Panel)
Serial Ports	2 x RS-232 ports
Extension Ports	1, eSATA
Dimensions (W x H x D)	255 x 88 x 230 mm (10.04" x 3.5" x 8.46")
Weight	3.2 kg (7.02 lb)
Operating Temperature / Humidity	0°C ~ 40°C (32°F ~ 104°F) / 10%~85% RH
Power Source / Consumption	AC100V~240V 250W
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (only for bundle Power Supply Unit)
<b>• Integration</b>	
Unified Solution	Fully compatible with ACTI cameras, encoders, NVR 3.0
Third-party Integration	Point-of-sale (POS), Access Control, Network I/O
Open Platform Solution	Support ONVIF compliant devices

\* All specifications are subject to change without notice.

\* All brand names and registered trademarks are the property of their respective owners.

www.acti.com

