CM3000 Gold

Affordable enterprise level DVR management; best for large facilities and central stations

Features

CM3000 Gold - the AVerMedia solution for enterprise level management of DVRs/NVRs. From a single platform, the CM3000 Gold software efficiently enables personnel to administer and command the entire suite of AVerMedia DVRs over the network. Whether securing one large facility or multiple locations, the CM3000 Gold is an essential and crucial partner for security management. With this indispensable tool, users can control any camera or DVR with remote PTZ, receive/respond/manage all alarms, or even completely configure and trouble-shoot DVRs remotely.

- Virtual Guard DVR Management and Control Center
- Supports entire suite of AVerMedia DVRs/NVRs
- Customizable GUI with drag & resize windows!
- Advanced alarm center with multiple operator tools
- Full control of remote DVRs for configuration/setup
- Integrated incident alert digital site maps (E-maps)

- Controls up to 1,000 DVRs/NVRs
- Live Monitoring of 320 cameras at one time!
- Ability to create a TV-wall command center
- Remote and live playback of monitored footage
- Local backup of remote video from DVRs
- Advanced search functions for instant forensics

Benefits

Recurring Monthly Revenue

Features like Remote Video and DVR management along with Remote Video Storage provide value added services that increase recurring monthly revenue and dealer profitability.

Increase Customer Loyalty

Having a one-stop shop that combines video surveillance installation with live monitoring, remote video storage as well as remote DVR management will increase customer satisfaction, ensuring long-term customer loyalty.

Remote DVR Management

Imagine your customers have a DVR problem at midnight, and imagine it being fixed by 12:05 am. That is the power of Remote DVR management, where you control and manage all DVR settings remotely.

Remote Video Management

Operators can keep an eye on 320 channels and manage up to 1,000 DVRs at one time. Video Intelligence and patented Visual Search ensures that the CM3000 Gold doesn't miss a beat. Now more properties can be managed more effectively by a smaller amount of security personnel.

Web Browser Interface

Eliminate most "what's going on in my store" calls by offering your customers the AVerMedia web browser interface. They can see what's going on at their store, live from any location through a laptop or even a cell phone, saving you time from servicing their calls.

Remote Video Storage

Increase your revenue while offering your customers a safety net that guarantees that their video surveillance footage will be safe by storing their video footage off-site at your business location.

Advanced Operator Controls

The CM3000 Gold operators have access to many account management capabilities. The new Advanced Alarm center tracks all activities with priority levels, DVR information, alarm name and description, for effortless live and post-event evaluation. Multiple operator event management is made more successful with built-in tools through which Security Personnel can add notes, action states (Open, Assigned, Resolved) and priority flags.

CMS3000 GOLD Specifications

Supports full range of AVerMedia Surveillance DVRs

Supports Single, Dual, Triple, and Quadruple monitor(s)

Support monitor resolutions up to 1920x1200

Simultaneously displays 80 channels on one monitor (320 channels with all four monitors in Live Monitoring view) in different modes (2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8, 8x10)

Real-time Alarm Notification by e-mail, MMS, pop-up video, warning sound, phone call and launching program

MiniCenter : live remote video & audio, remote PTZ control, 2-way audio, I/O control, fully functional Remote Control via VNC

Up to 64 EMAPs in hierarchy design (EMAP on EMAP)

Auto or schedule recording and recycling

Manual or schedule backup video from remote DVR or CM3000 server

Auto connection for loss recovery

Shows POS information and supports POS search

Local and Remote Playback with multiple search modes

Registration of upgrade to advanced mode (up to 1000 DVR)

Two levels of user access (Administrator and Operator)

Live updates for software upgrades

Remote Setup function to configure detail setup of remote DVR

Connection Devices :

Supports the AVerMedia NV, SA, EH, EXR, NX, XR, SEB, and EB net series DVR

Support up to 16 DVRs – free with CM3000 Basic version

Support up to 1000 DVRs – available to purchase different levels with licensed CM3000 Gold version

Monitoring

Supports Single, Dual, Triple, and Quadruple monitors

Support monitor resolutions up to 1920x1200 and adjust the fps of each monitor from 1-30fps to conserve bandwidth

Multi-lingual user Interface

Support channel description with adjustable font, color and position of channel information in monitor

Drag and resize monitor view to create layouts to suit individual user environments

Five different channel views available:

- Live Video – Live Video from Remote DVR with audio support
- Hotspot – Users can drag any channel to the Hotspot area to enlarge the channel video
- Sequence – All channels in one Monitor will carousel through the connected DVRs
- Matrix – Any alarmed video footage from remote DVRs will automatically play in the Matrix window. The video feed will continue in the window until the next triggered alarm
- Display logos or other .jpg images to identify the monitored DVR

Monitoring (continued)

Remote PTZ control in the monitor view with on screen visual PTZ control panel

Different display mode: 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8, 8x10. Up to 80 camera on one screen

Easily allocate video channels

Record and auto recycle

Click to have 1 channel view, and right click/drag to digitally zoom into area

Show POS information

Auto connection loss recovery

Handy toolbar for easy PTZ control, Monitor selection, and to Enable/Disable audio support

Alarm Center

Receives alarm video clips from DVR

Stores alarm log into Microsoft Access database

Alarm log types: DVR alarm, video loss, connection loss/success, DVR reboot, Log in DVR, DVR HD fail

Real time Notifications : Email, MMS, Warning sound, pop-up video, makes phone call, program launch

Alarm Management System to group different alarms by operator, priority, status, DVR server, self-defined flag, etc.

Live and Post alarm event tracking with multiple operator management tools:

- Flag – Flag each event with pre-defined color codes
- State – Each alarm can have status (open, assigned, resolved) of event
- Operator – System will automatically enter ID of the operator who claims the event. Operators can enter notes that will be automatically saved to the event history and cannot be deleted.
- Post event tracking – All modifications to the alarm event will be logged by the system and cannot be deleted for post event evaluation

Record alarm processing details for each alarm entry for later review

Link to MiniCenter for more operations

MiniCenter

Configurable DVR and channel selections

Shows DVR descriptions

Live remote video and audio

Plays alarm log video

Remote playback (define in seconds of pre and post-event)

Remote PTZ control

2-way audio

Fully functional Remote Control (ala VNC)

I/O control

Alarm reset

E-MAP

64 EMAPs of JPG or BMP files

Hierarchy structure: EMAP on EMAP

Easily locate DVR icon on map

DVR or EMAP alerts when receiving incoming alarms

Shows live video by clicking on live image

Remote I/O control in E-map

Playback

Local playback of remote video

Full screen display of recorded video

Intelligent, Event and Visual search for easily retrieval of crucial data

Snapshot – take a snapshot of pertinent images

Print

Output segment file

Loop play

Remote download and playback

Event Log Viewer

Sort by categories: Alarm, DVR Reboot, Connection Success, Connection Loss, HD Failed, Log in DVR, Video Loss

Save as text file

User Access

Two levels: Administrator and Operator

Support up to 128 accounts

Virtual Matrix

Support with Remote iMatrix to have a client-server structure for unlimited monitor display

TV Wall Environment – feature to support unlimited monitors

Others

Live update for software upgrade

Minimize function support for flexible display

Registration function to upgrade to advanced mode

Virtual keyboard

Security Product Hardware Recommendation List

System Requirements:

	1-64 DVRs System	65-150 DVRs System	Above 150 DVRs System
CPU	Intel P4 3.0GHz above	Core2Duo E82 2.66Ghz or above	Core2Duo E82 2.66Ghz or above
Mother Board	Intel 865 chipset above	Intel 955 / 965 / 975 / P31 / P35 chipset	Intel 955 / 965 / 975 / P31 / P35 chipset
RAM	1 GB	2 GB	4 GB
Graphic Card	16-bit high color SVGA graphic card with Direct & YUV Rendering capability, 256MB video memory at least	16-bit high color SVGA graphic card with Direct & YUV Rendering capability, 256MB video memory at least	16-bit high color SVGA graphic card with Direct & YUV Rendering capability, 512MB video memory at least
HDD	80GB for each partition	120GB for each partition	120GB for each partition
Ethernet	10/100Mbps LAN	Gigabit LAN	Gigabit LAN

How to set up 4 monitors

CM3000 can support 4 monitors display if motherboards supporting dual VGA cards (make sure to apply same brand/ model of VGA card) are used. Normally this kind of VGA card has two outputs (VGA and DVI outputs) but in this case, users need to use both VGA outputs (basically the package should contain DVI to VGA converter). Currently we've tested ASUS mother board (P5ND2-SLI Deluxe, P5B Deluxe, P5KR) and Gigabyte mother board (GA-965P-DS3P) for this application. We suggest users test CM3000 on ASUS or Gigabyte motherboards (SLI series) that support dual VGA cards. When setting up the 4 monitor display, monitor 1 to monitor 4 should be configured from left to right and, not the other way around.