CMS "TRIDENT"

The software for 1-to-64 channels display

Hybrid Solution for DVR and NVR

The CMS software, "TRIDENT", is a powerful system designed for all-scale projects. Global monitoring and control become so easy and efficient with its e-Map configuration and instant event pop-up display.

Specifications

Version	Professional	Standard
■ **Architecture**		
Client-server Mode	Client-server mode available to manage larger system with multiple computers.	
Device Search	Supports device search of all NVR devices within a local network, and also allows connection to a remote NVR via Internet for off-site management.	
Port Forwarding	Forwards ports automatically, and finds all the IP cameras under a specific NVR device within a local network. IP cameras can then be easily managed by this software.	
Multiple monitor display	Supports up to 8-monitor display and able to define purposes of each monitor	Supports up to 4-monitor display and able to define purposes of each monitor.
■ **Live View & Control**		
Total Live Display CH Number	Supports each monitor up to 96CH live display.	Supports each monitor up to 64CH live display.
Area Live Display	Clicks on a defined group/area on E-map to watch live footage of that area (up to 16 cameras / per area).	
Predefined Display	Supports 96ch Predefined fixed patent live streaming display.	Supports 64ch Predefined fixed patent live streaming display.
	Supports sequenced view of grouped cameras. Each group contains up to 16CH and 6 groups can be played in sequence. Dwell time is configurable.	--
	Supports group view function. Each group contains up to 36CH and unlimited groups can be sequence display. Dwell time is configurable.	--
PTZ Control	Supports PTZ control via USB mouse and joystick (pan, tilt, zoom, focus, etc)	
Digital PTZ Control	Supports digital PTZ to examine part of a megapixel image	
Hotpoint Control	Supports Hotpoint control function for PTZ camera	

Specifications

	Professional	Standard
■ E-Map		
Multi-layered Setup	Supports multi-layered maps with camera location on it for intuitive management..	
Group Display	Cameras can be grouped by area, allowing users to monitor live footage group by group.	
Event Notification	When an event occurs, the alert indicator shows on the layer of the maps and the camera location on the map.	
Graphical Alarm Fence	Graphical alarm fence can be displayed to visualize the protected fence by sensors, such as infrared beam detector. When it gets triggered, the alert indicator will show on the map.	--
■ Event Management		
Event Pop-up	When an event occurs, the event monitor pops up the channel immediately with live display. Up to 4CH event pop-ups are supported. To see event playback with pre-alarm recording, click on the pop-up again.	When an event occurs, the event monitor pops up the channel immediately with live display. 1CH event pop-up at a time is supported. To see event playback with pre-alarm recording, click on the pop-up again.
Camera Management No.	Manages up to 65535 cameras.	Manages up to 64 cameras.
Audio Alert	Supports audio alerts to attract users' attention to new events.	
Alarm Input	Allows multiple alarm inputs to trigger PTZ camera move to preset points.	
Detection Schedule	Scheduled event detection allows event detection to work only within specific period of time device by device.	
■ Playback and Backup		
Event Search	Searches video files by date and time or by event.	
Video Playback	Plays video footage for 1 /4 channel.	Plays video footage for 1 channel only at a time
Smart Search	Smart Search allows users to search motion events in a selected area of a camera image.(*This function must work with selected NVR & IP camera models.*)	--
Detail Check & Snapshot	Supports full-screen playback in high resolution and digital PTZ to examine part of a megapixel image, while snapshot is also available anytime during playback.	
Footage Conversion	Exports audio and video evidence in the "AVI" format, which is compatible with popular video players.	
■ Health Check		
Computer Status	Shows the status of your PC, such as CPU usage, RAM usage, network upload/download speed, in the control panel for loading check.	
Regular Report	Detects and reports the system status periodically, such as NVR online/off-line, camera video loss, UPS status, HDD issue (No HDD, Clean HDD, HDD overheat), etc.	
■ Administration		
User Account & Privilege	Supports unlimited user accounts, selectable user levels and configurable user access rights: Administrator / Power User / User / Guest.	
File Export	Exports video files from CMS.	
■ Minimum System Requirements		
Channel Request	Below 96CH (including 96CH)	Below 64CH (including 64CH) / Below 32CH (including 32CH)
CPU	Intel core i7 or above	Intel core i5 or above / Intel core i3 or above
RAM	32GB or above	16GB or above / 8GB or above
Graphics Card	GTX660 2G or above	AMD HD7700 or above / Intel HD4000 or above
Hard Drive Type	at least 500GB space	
Network	Gigabyte Ethernet	
Operating System	Microsoft Windows 7 Professional 64-bit	
Brower	Microsoft Internet Explorer 9 or above	