

OMC-IP200CMS Central Management Server

OMC-IP200CMS is for the complete centralized management of security systems over LAN/WAN networks. The CMS include four major modules: Redirection Server, Record Server, Management Server and Remote Sites. It can manage an unlimited number of surveyed sites regardless of their geographical location. It can log any number of alarm notifications from remote cameras and sensors and be concurrently managed by multiple operators. Video from alarmed cameras is automatically viewed in pop-up windows. Dynamic graphical representation of sites and cameras make access to live or recorded video quick and easy. Bi-directional audio communication, remote PTZ/Dome control and remote digital output activation allow direct control and proactive action.

Key Feature:

- ⊙ Over 500 OMC-900IP cameras connected to CMS
- ⊙ Equipment information management and status display
- ⊙ Event pop-up
- ⊙ live bi-directional audio communication with remote sites
- ⊙ centralized user login authentication via a dedicated server on the network
- ⊙ dynamic multi-level graphical map representation of remote sites with user-friendly map editor
- ⊙ support centralized Huge recording file storage

Application

OMC-IP200 CMS is suitable for complex applications with a large number of remote sites, and/ or large number of cameras and alarms. For example: Banks, post offices, retail chain stores, educational and industrial complexes, harbors and airports

Function

	live image viewing
	live bi-directional audio communication with remote sites
video/audio	recording on local HDD
management	user-friendly playback of video/audio sequences archived
	remote playback of video/audio sequences recorded on a remote sites
	Download to local HD of recorded video and audio sequences
Equipment	Equipment List for all IP server name, IP address, port number
Management	Equipment List for corresponded Forwarding Server's IP address, port number
	Equipment List for corresponded Recording Server's IP address, port number
	control of digital input/output connected to remote OMC-IP200 and OMC-900IP
Event	pop up alarm message when motion detection, sensor alarmed and so on
Management	Local sound alarm
	Pop up electronic map

automatic viewing of live images from an alarmed camera in pop-up windows
 automatic viewing of recorded images from an alarmed camera in pop-up windows

Email notification

User management individual setting for each user
 individual setting for each site
 500 users can be added

CMS includes the following units:

CMS (Central Manage Server)	Core unit of central platform. Manage redirection server, record server, user management and system information
Redirection server (video transfer and dispatch unit)	Transfer and dispatch the video. Realize to require the video/ audio, receive, dispatch and distribute. Support multi-levels connection.
Record Server (Network record Unit)	Network storage unit, support video storage, search, playback
CU (Client Unit)	It's for end users management, including remote view, playback record video, control, system maintain, connect alarm and so on.

Recommended configuration for Server

CMS (Central Manage Server)	CPU: Dual core 2.0 Memory: 2G Can manage 500pcs IP camera. Keep 500pcs IP Camera online.
Redirection server (video transfer and dispatch unit)	CPU: Dual core 2.0 Memory: 2G 1000M Network card Can redirect 100-200chs IP camera for each server
Record Server (Network record Unit)	CPU: Dual core 2.0 Memory: 2G Can record 50CH IP Camera (D1 resolution 1Mbps) per server.
CU (Client Unit)	CPU: Dual core 2.0 Memory: 2G Can remote view 36CH IP Camera(CIF resolution) per server.

