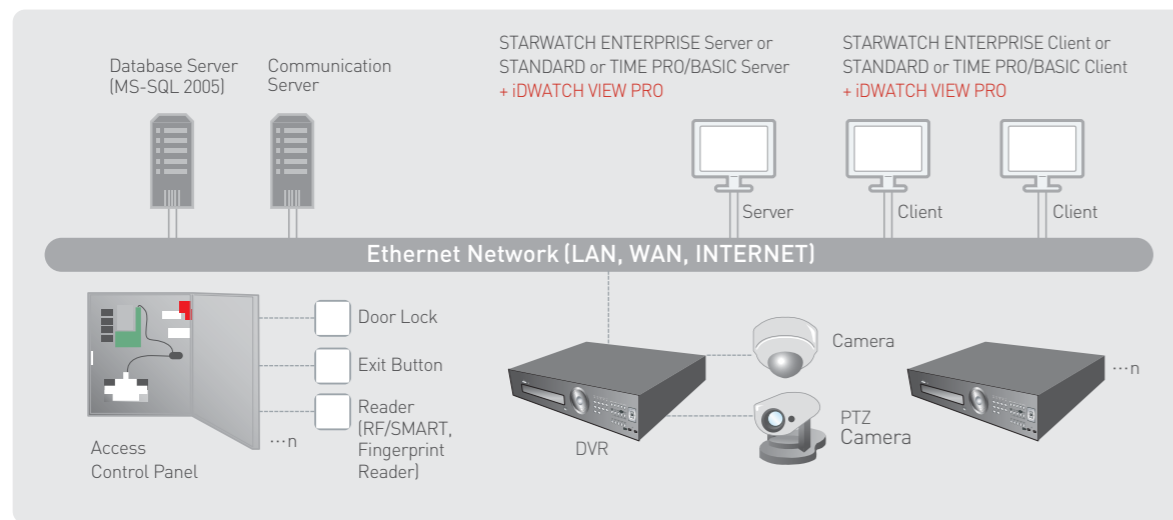


iDWATCH VIEW PRO

iDWATCH VIEW PRO is designed to increase the security level as it provides more precise attendance check as access control and Time & Attendance management software are integrated with video surveillance (DVR integration). This add on software can be easily added on to access control (ENTERPRISE & STANDARD) and Time & Attendance (TIME PRO & TIME BASIC) management software.



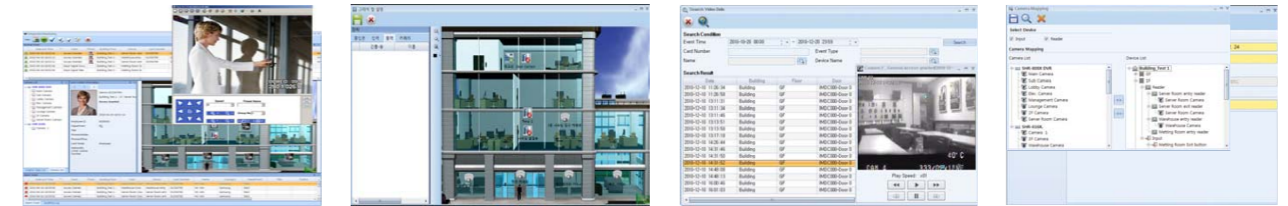
System Configuration



System Requirements

	Requirements	Etc.
Operating System	General Operating System Windows XP / Windows Vista / Windows 7 * 32 Bit Windows Server Operating System Windows 2003 Server *This system does not support Windows 95, 98, ME, 2000 (Professional and Server).	All the operating systems are suggested to install the latest service pack and security patch.
CPU	Pentium 4 Core 2 Duo or Higher	
RAM	2GB or Higher	
HDD	100GB or Higher	
VGA	1024 x 768 or Higher Resolution 65,536 Color (16 bit color) or Higher	
CD-ROM	8X or Higher	
Database	Microsoft SQL Server 2005/2008 Express Edition (Built-In) Microsoft SQL Server 2005/2008 (Sold Separately)	All the databases are suggested to install the latest service pack and security patch.
Compatible Controllers	Controllers that are compatible with ENTERPRISE, STANDARD, TIME PRO and TIME BASIC	
Compatible DVRs	SHR-2040/2042/2080/2082/2160/2162/5040/5042/5080/5082/5160/5162 SHR-6040/6042/6080/6082/6160/6162 SHR-7080/7082/7160/7162/8080/8082/8160/8162 SRD-470/470D/471/830/830D/1610/1610D/1630/1630D/850/850D/851 SRD-1650/1650D/1651/870/870D/871/1670/1670D/1671	

System Features



Integrated Monitoring Graphic Map Configuration Search Video Camera Mapping

- +

Event Configuration/Management/Monitoring Function

 - Video recording of access control events (normal & alarm), real-time operation configurable
 - In case of access control event occurrence, monitor the beforehand and afterwards video image of the event
- +

Integrated Monitoring

 - Displays the recorded video of access control event
 - Allows real-time confirmation of video using the camera list and icons
 - Graphic map configuration and display
 - Allows icon configurations of door, input and camera on the graphic map
 - In case of event transmission, it displays the relevant device or the door on the graphic map
- +

DVR Configuration and Viewer Function

 - Configuration and management of information between management software and DVR
 - Controls PTZ camera connected to the DVR
 - Automatic DVR search function
- +

Camera Mapping Function

 - Allows mapping between camera/door and input devices
- +

Pop-up Video Function

 - Automatic pop-up notification with video image according to event configuration
 - Allows playback via pop-up screen
- +

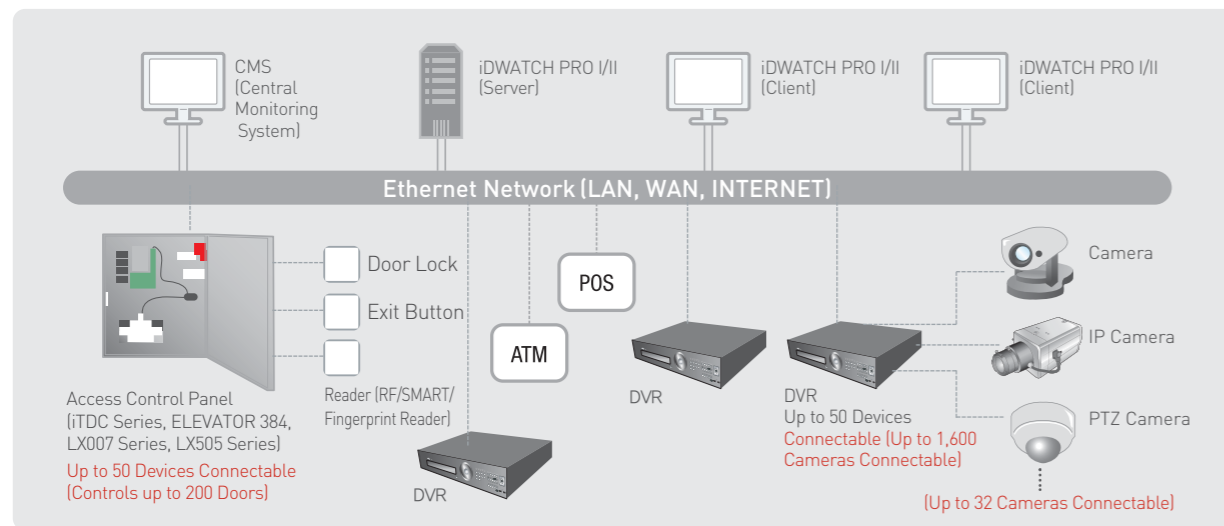
Video Event Search

 - Used for searching the events and displays video image of the event when the searched event is double clicked

iDWATCH IAD PRO I/II iDWATCH IAD BASIC I/II

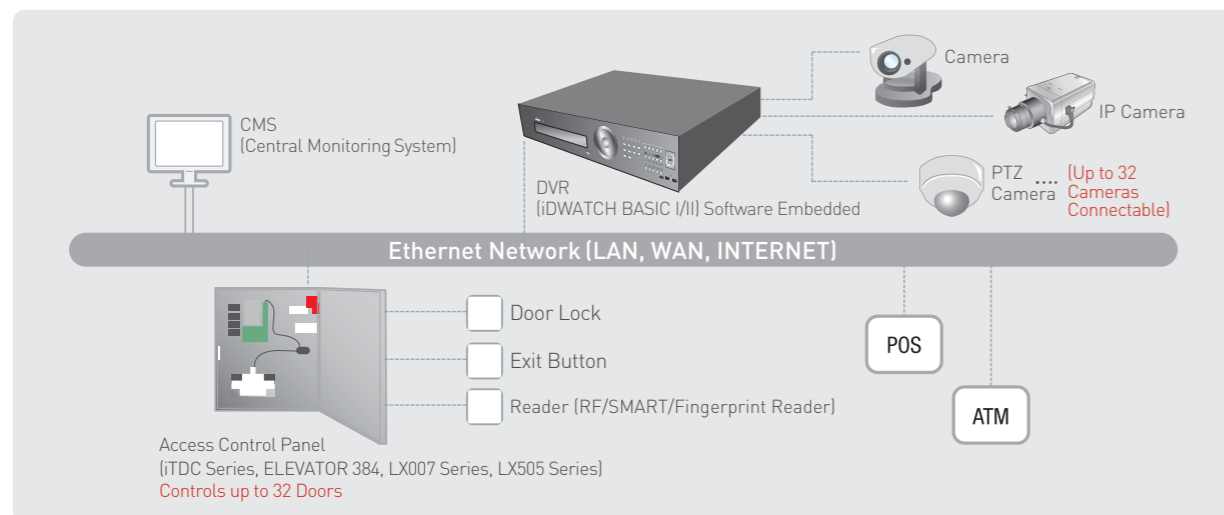
iDWATCH IAD PRO I/II

iDWATCH IAD PRO I/II are advanced integrated security software, which allow integrated monitoring of video surveillance and access control. Multiple numbers of DVRs can be networked together (Distributed installation of DVR and management software) with the access controller for management of medium / large business management and allows multi-site management and monitoring using the server/client support.



iDWATCH IAD BASIC I/II

iDWATCH IAD BASIC I/II are advanced integrated security management software, which is designed to centrally monitor video surveillance and access control. These software are suitable for small size business such as convenient stores, offices, storage areas and etc. This system is offered in standalone system (DVR with embedded management software) and when installing several DVRs, it allows integrated video monitoring using the iDWATCH CMS.



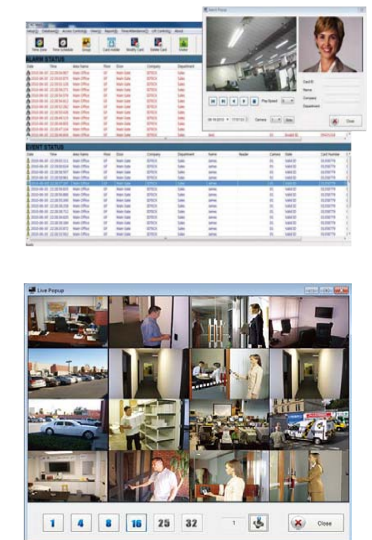
*iDWATCH IAD PRO and BASIC have same features, yet difference in integrated device numbers.

System Requirements

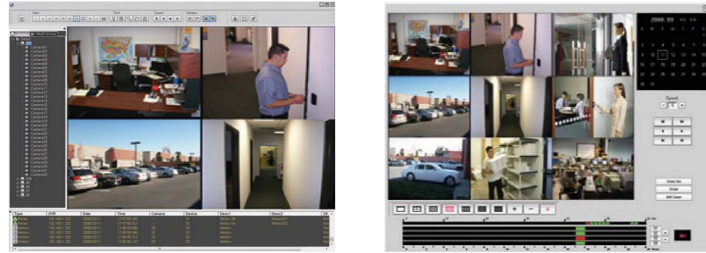
	iDWATCH IAD PRO I / iDWATCH IAD BASIC I	iDWATCH IAD PRO II / iDWATCH IAD BASIC II
Operating System	Windows XP Windows Vista, Windows 7, Windows 2003 Server * 32 Bit Windows	
System Memory	Windows XP : 1GB or Higher, Windows Vista : 2GB or Higher Windows 7 : 2GB or Higher	
Hard Disk	No Special Requirement. 32MB Buffer Product Recommended for 32 Channel Board	
Database	MYSQL, MS-SQL 2005	
Recommended CPU	E6300 or Higher (4-16 Channel Board), E7200 or Higher (32 Channel Board) Minimum CPU : E4500 (4-16 Channel Board), E5200 (32 Channel Board)	
Recommended	Chipset : G31, G33, P35, G41, G43, G45, P43, P45, P55	
Main Board	Recommended Main Board Manufacturer : Intel, ASUS, GIGABYTE	
Graphic	Graphic Card from ATI Chipset, Intel Onboard Graphic (Recommends Intel Onboard Graphic)	
Compatible	Controllers : iTDC Series, ELEVATOR384	Controllers : LX007 Series, LX505 Series
Controllers / Readers	Readers : FGR006 Series, RF10, RF20, RF30, RF245	Readers : FGR006 Series, RF10, RF20, RF30, RF245
Compatible DVRs	DVRs : iDVR SMART-MP 4/8/16/32, iDVR GENERAL-MP 4/8/16/32, iDVR SMART-HP 4/8/16/32, iDVR GENERAL-HP 4/8/16/32 DVR Boards : iDVR-M 4/8/16/32, iDVR-H 4/8/16/32	

System Features

- +** Event Configuration / Management / Monitoring Features
 - Offers various settings for access control events (Forced door open, Door open alarm, Card event, etc.)
 - In case of access control event occurrence, monitor the beforehand and afterwards video image of the event
 - Real-time monitoring and comparison of the card holder by comparing recorded video image to the registered image.
- +** E-Mail and Sound Alert Function
- +** Map Function
 - Check the real-time video image using the camera icon
- +** Time & Attendance Management
 - Seamlessly prevents proxy attendance by storing the event with the video image
 - Monitor punching in/out information with recorded video image
- +** Various Report Features
- +** DVR Viewer Function
 - Real-time monitoring of video images from the integrated DVRs using the divided screen (4/8/16ch)
 - Control of Pan/Tilt camera integrated to the DVR
- +** Doors and Various Input Status Monitoring
- +** Integration with Elevator Control
 - Using the integration with the elevator control, configure and control the authorization per building floor

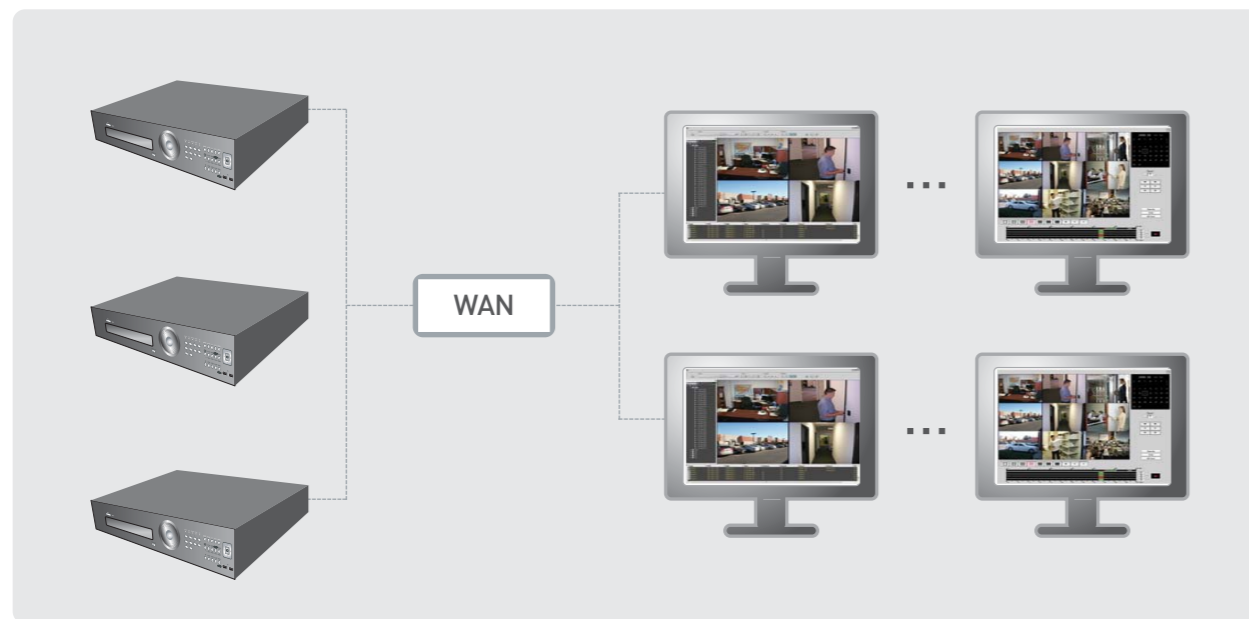


iDWATCH CMS



CMS (Central Monitoring System) is designed to centrally control and monitor the video images that are being recorded from various sites. Integrations with several DVR devices allow the real-time monitoring and management of the video images according to event occurrence.

System Configuration



System Features

- Central management and monitoring of distributed DVR installations
- Management functions for searching the system information and configuring system setting of the remote controlled site
- Confirm and monitor events occurred in the remote controlled site
- Offers E-MAP function
- Remotely controlled camera functions : Pan / Tilt / Zoom / Focus
- Automatic pop-up notification with video image according to event configuration
- Multi-monitor support

STARWATCH ELEVATOR PRO

STARWATCH ELEVATOR PRO is designed to provide a higher level of security by integrating elevator control with access control. This software can be operated independently or added on to the access control management software.



System Requirements

CPU	Pentium 4 or Higher
RAM	1GB or Higher
HDD	20GB or Higher
Operating System	Windows XP Windows 2003 Server * 32 Bit Windows
Compatible Controllers / Readers	iTDC, iTDC-SR, ELEVATOR384, Controllers that are compatible with ENTERPRISE and STANDARD * ELEVATOR384 for Single Operation : STARWATCH ELEVATOR PRO * ELEVATOR384 + iTDC for Integrated Operation : STARWATCH iTDC PRO I/II + ELEVATOR PRO

System Features

- Management software for prohibiting access to restricted area and for monitoring the user record by the elevator floor button authorization setting
- Elevator floor access authorization setting by user
- Elevator floor access authorization record available for reviewing and printing
- Automatic activation and inactivation of elevator floor buttons by pre-configured time schedule of individual users
- Automatic activation and inactivation of elevator floor buttons by pre-configured time schedule of building floors

System Configuration

