

Video Surveillance and Access Control System Integration

**Real-Time Confirmation of the Access Control Status with Visual Monitoring
Guarantees High Level of Security with Low Installation Cost!**

Access control event and video image are stored in both hard drive of the PC, which the integrated management software is installed and DVR to preserve the data safely and also make it easy to search the video image.



❖ System Purpose

- ✚ Enhances the Security Level as the Video Surveillance Visual Data is added on to the Access Control Data in Text
- ✚ To React Promptly upon the Outbreak of an Alarm Event by Checking the Visual Data of the User
- ✚ User ID and Visual Data can be matched up to Prevent Proxy Attendance
- ✚ Increases the Effectiveness of the Management as the Access Control and Video Surveillance are in a Single S/W



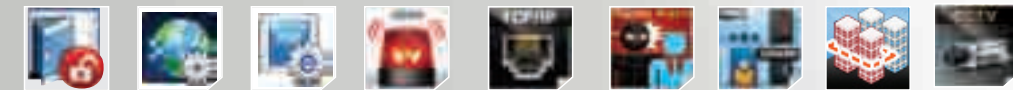
❖ System Features

- ✚ **Check the Access Control Status with Visual Image**
Integrated with CCTV to capture the previous and afterward video images of the event occurrence
- ✚ **Configurable System According to the Environment of the Installation Site**
Standalone system for small size business (Integrated Software Embedded on DVR)
Distributed system for medium to large size business (Integrated Software Installed on Separate Server)
- ✚ **Easy and Smart Search Function**
Search data by event categories, event conditions, etc.
- ✚ **Remote Integrated Monitoring Function**
Remote integrated monitoring support for multi-site management
Real-time visual monitoring support via web browser
- ✚ **High System Expandability and Supports Integrations with Other Systems**
Up to 50 access control panels connectable per system (Controls up to 200 Doors)
Up to 50 DVRs connectable per system (Connectable up to 1,600 Cameras)
Supports POS & ATM integration
Supports alarm & fire alarm integration
- ✚ **Can be Applied to Access Control / Time & Attendance / Elevator Control and Other Applications**



Video Surveillance and Access Control System Integration for Small/Medium-Size Business

- + Real-Time Confirmation of the Access Control Status with Visual Monitoring!
- + High Level of Security Guaranteed with Low Installation Cost!



DVR and Management Software All-in-One System for Small-Size Business (iDWATCH IAD BASIC)

- Management software that integrates access control and video surveillance is embedded on the DVR
- Access control devices and cameras can be connected directly to the DVR without additional PC installation

Management Software

- Integrated with CCTV to capture the beforehand and afterwards video images of the event occurrence
- E-mail and sound notification of alarm events
- Various event reports available for viewing and printing
 - Management Software **iDWATCH IAD BASIC I/II**



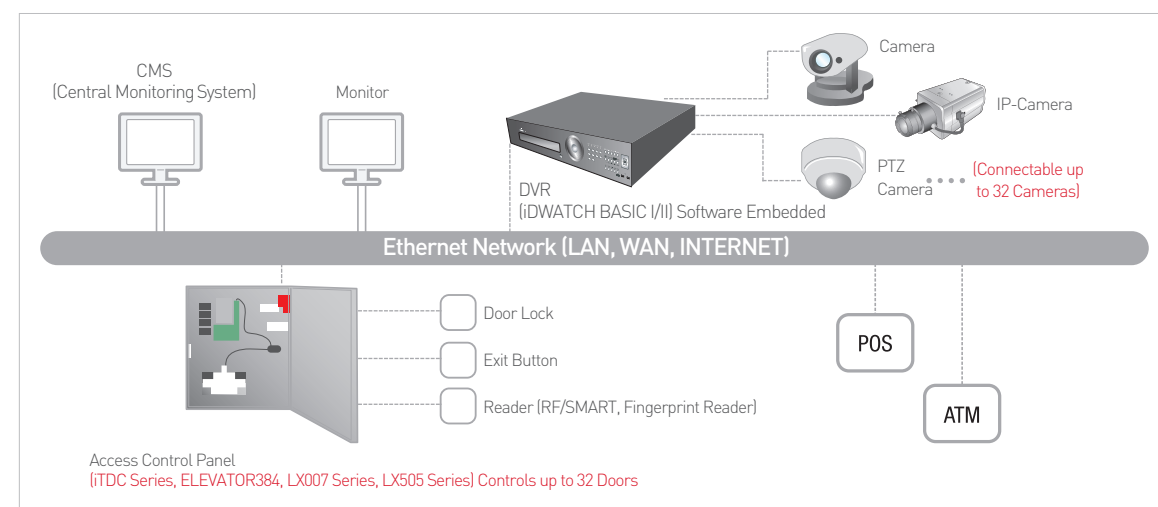
Compatible Control Panels

- 4 Door Access Control Panel **iTDC, iTDC-SR** (Integration with IAD PRO I / BASIC I)
- Access Control Panel for Elevator Management **ELEVATOR384** (Integration with IAD PRO I / BASIC I)
- RF Card + PW + Fingerprint Identification Access Controller **LX007, LX007SR** (Integration with IAD PRO II / BASIC II)
- RF Card + PW Identification Access Controller **LX505, LX505SR** (Integration with IAD PRO II / BASIC II)

Compatible DVRs

- DVR **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 Board **iDVR-M-4/8/16/32, iDVR-H-4/8/16/32**

iDWATCH IAD BASIC System Configuration



DVR and Management Software Dispersed System for Medium-Size Business (iDWATCH IAD PRO)

- Management S/W controls the devices for both access control and video surveillance : Connect up to 50 access controllers
- Supports server / client for multi-site management and monitoring
- Real-Time monitoring via web browser

Management Software

- Integrated with CCTV to capture the beforehand and afterwards video images of the event occurrence
- E-mail and sound notification of alarm events
- Various event reports available for viewing and printing
- Time & Attendance and elevator management
 - Management Software **iDWATCH IAD PRO I/II**



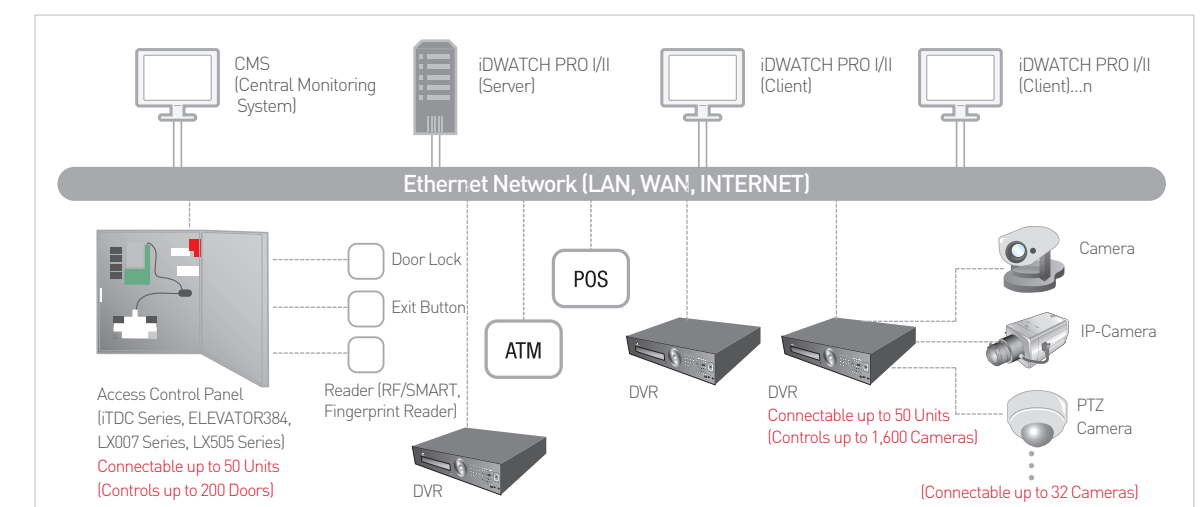
Compatible Control Panels

- 4 Door Access Control Panel **iTDC, iTDC-SR** (Integration with IAD PRO I / BASIC I)
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Compatible DVRs

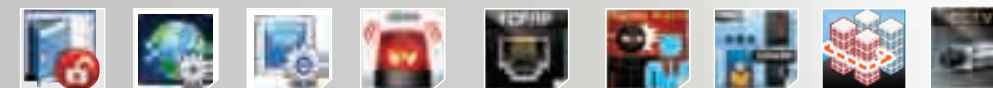
- DVR : **iDVR-MP-4/8/16/32, iDVR-HP-4/8/16/32**
- DVR Board : **iDVR-M-4/8/16/32, iDVR-H-4/8/16/32**

iDWATCH IAD BASIC System Configuration



Video Surveillance and Access Control System Integration for Large-Size Business

- + Allows Instant Confirmation and Search Function of the Video Image When the Alarm Event Occurs
- + Strengthens the Security Level the Access Information in Text is Synced with the Video Image



Expandable Modular System for Large-Size Business (iDWATCH VIEW PRO)

- iDWATCH VIEW PRO can be added on to access control and T&A management software (STARWATCH ENTERPRISE, STANDARD, TIME PRO) for video surveillance and access control system integration
- DVR can be operated in network connection (No limit on the number of connectable DVR)

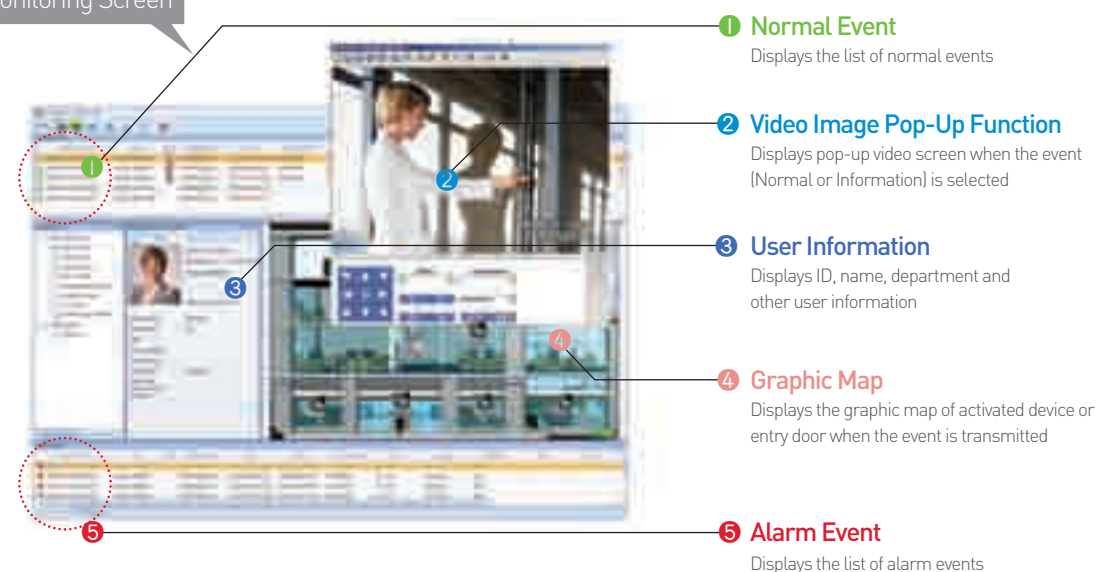
Management Software

- Allows seamless data storage and easy search function of events and video images in case the access event occurs
- Allows confirmation of the beforehand and afterwards video images of the event occurrence
- Fault Tolerant System support for stable operation during the emergency
- Maximized performance and system stability by distributed installation environment
- Comprehensive log management keeps the administrative security in high level
- Group management by department, company, region for managing large amount of information
- Automatic DVR search function
- Pop-up display of video image in occurrence of event (Normal/Alarm)

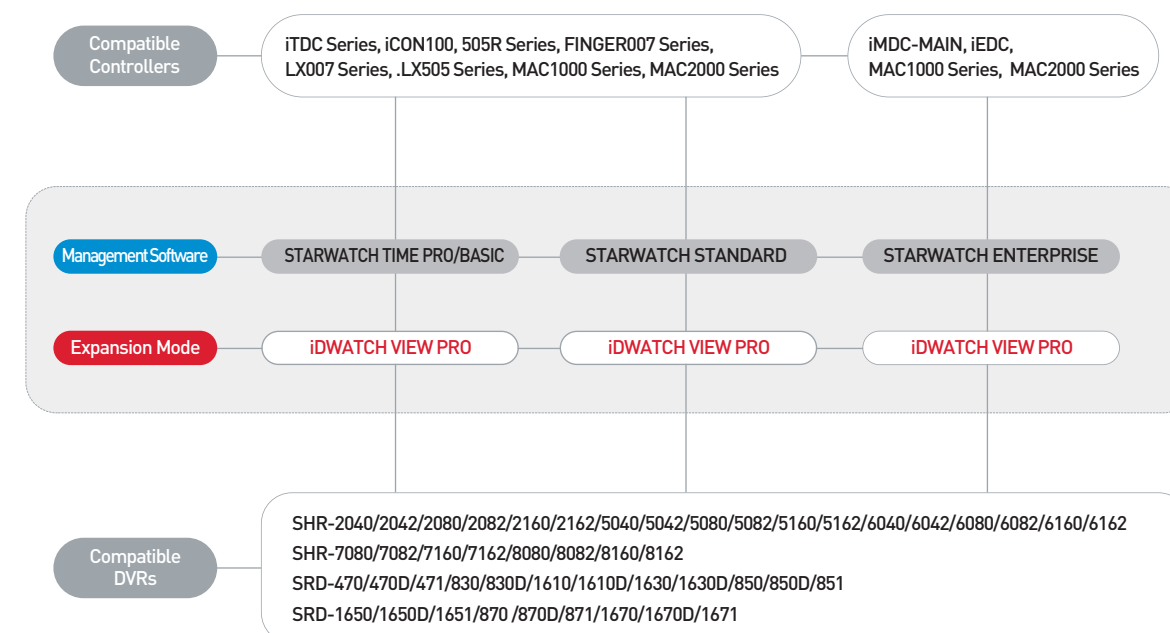
■ Management Software **iDWATCH VIEW PRO**



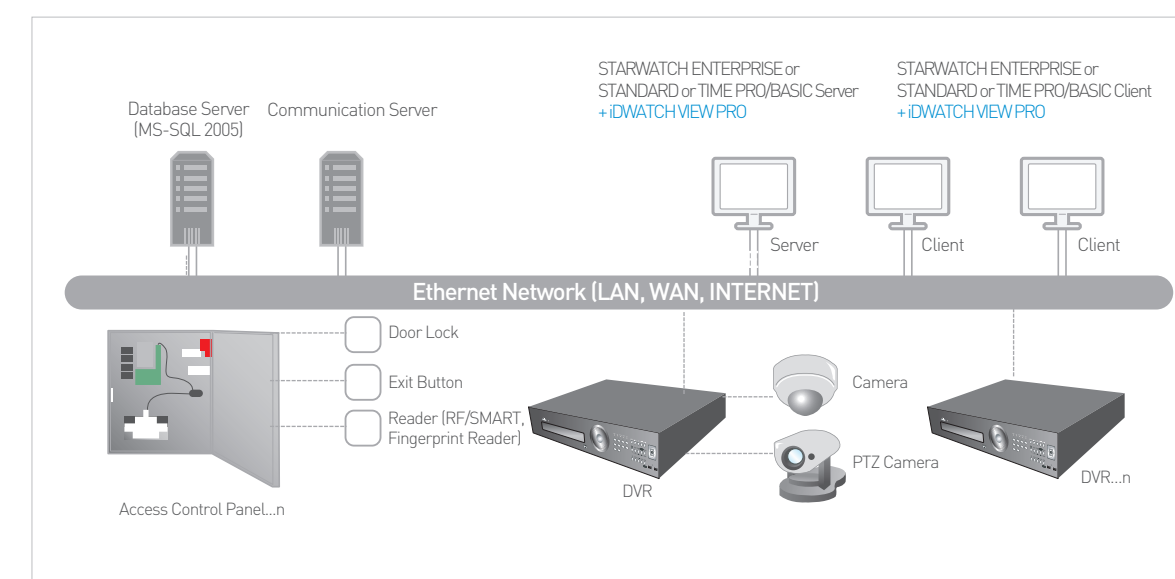
Integrated Monitoring Screen



Products Compatible with iDWATCH VIEW PRO



iDWATCH VIEW PRO System Configuration

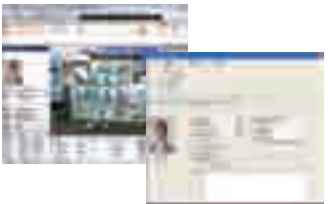


Management Software

STARWATCH ENTERPRISE
Access Control Management of Large-Size Business __ Refer to P52-53



STARWATCH STANDARD
Access Control Management of Medium-Size Business __ Refer to P54-55



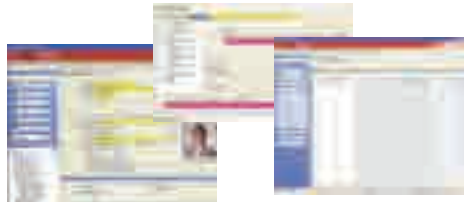
STARWATCH DUAL PRO I/II
iTDC PRO I/II, LX ACCESS PRO II
Access Control Management of Small / Medium-Size Business __ Refer to P60-61



iDWATCH IAD PRO I/II, IAD BASIC I/II, VIEW PRO
Central Monitoring System for Video Surveillance Access Control
__ Refer to P64-65
※ CMS S/W for Central Monitoring



STARWATCH TIME PRO
Professional Time & Attendance Management __ Refer to P56-57
STARWATCH TIME BASIC
Basic Time & Attendance Management __ Refer to P58-59



STARWATCH ELEVATOR PRO
STARWATCH ID BADGING PRO
Additional Modular Software __ Refer to P67-68



Access Control Panel

iMDC Controls up to 32 Doors
__ Refer to P88-89



iEDC Controls up to 8 Doors
__ Refer to P90-91
※ PoE Support/ Web Configuration Support



UIM16 / UOM16 Input / Output Expansion Board
__ Refer to P90-91



iTDC Series Controls up to 4 Doors
__ Refer to P92-93



iCON100 Controls Single Door
__ Refer to P94-95



ELEVATOR384 Elevator Management
__ Refer to P96-97



Standalone/ Network Controller

MAC2000 Series
Face / Fingerprint / Card(PIN) / PW Identification __ Refer to P102



MAC1000 Series
Fingerprint / Card(PIN) / PW Identification / Embedded Camera __ Refer to P103



LX007 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P104



FINGER007 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P105



LX505 Series
Card(PIN) / PW Identification __ Refer to P106



505R Series
Card(PIN) / PW Identification __ Refer to P107



100R Series / PIN120 Series
Card(PIN) / PW Identification __ Refer to P108



RFL200/200C Series
Card Identification __ Refer to P109



Reader & Card

LX006 Series
Fingerprint / Card Identification __ Refer to P118



FINGER006 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P119



FGR006 Series
Fingerprint / Card Identification __ Refer to P120-121



RF Series
125 KHz [PSK Format] Reader Series __ Refer to P124-125



IP Series
125 KHz [ASK/EM Format] Reader Series __ Refer to P126



SR Series
13.56 MHz SMART Card Reader Series __ Refer to P128-137



RF245 (3M/ 5M/ 10M Read Range)
2.45 GHz Long Range Reader __ Refer to P142



IDC80 (125 KHz) Card __ Refer to P127
ISC80 (13.56 MHz) Card __ Refer to P138
IDA245 (2.45 GHz) Card __ Refer to P143

