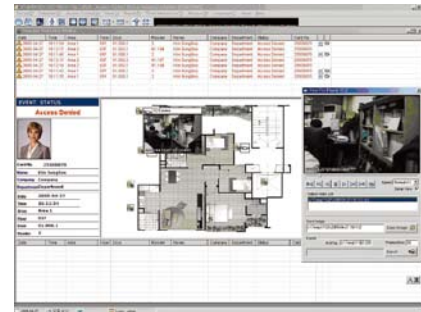


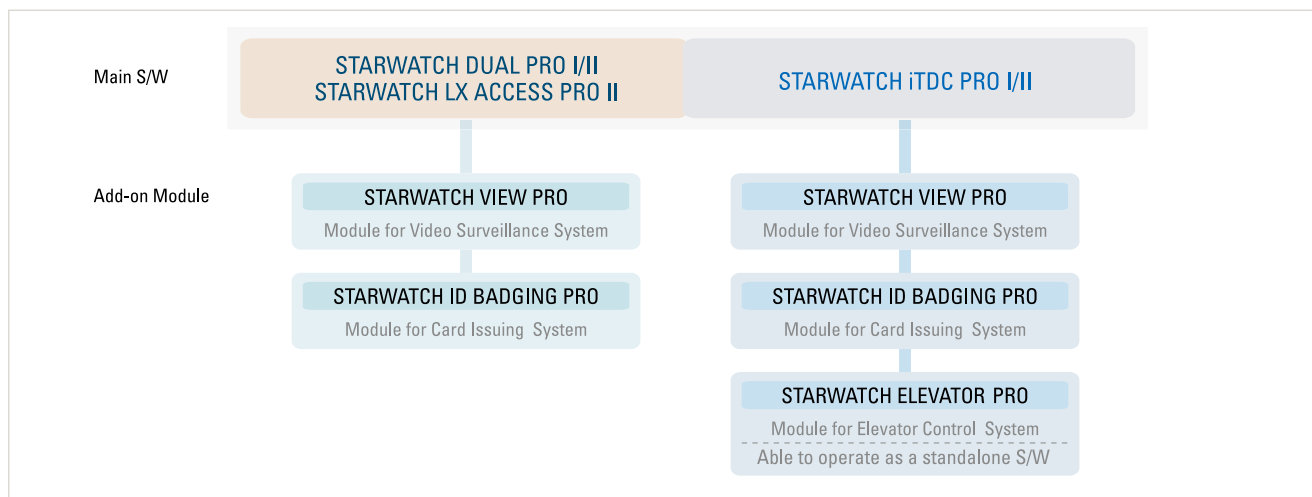
Management Software

Access Control and Time&Attendance Software

STARWATCH DUAL PRO I/II STARWATCH iTDC PRO I/II STARWATCH LX ACCESS PRO II

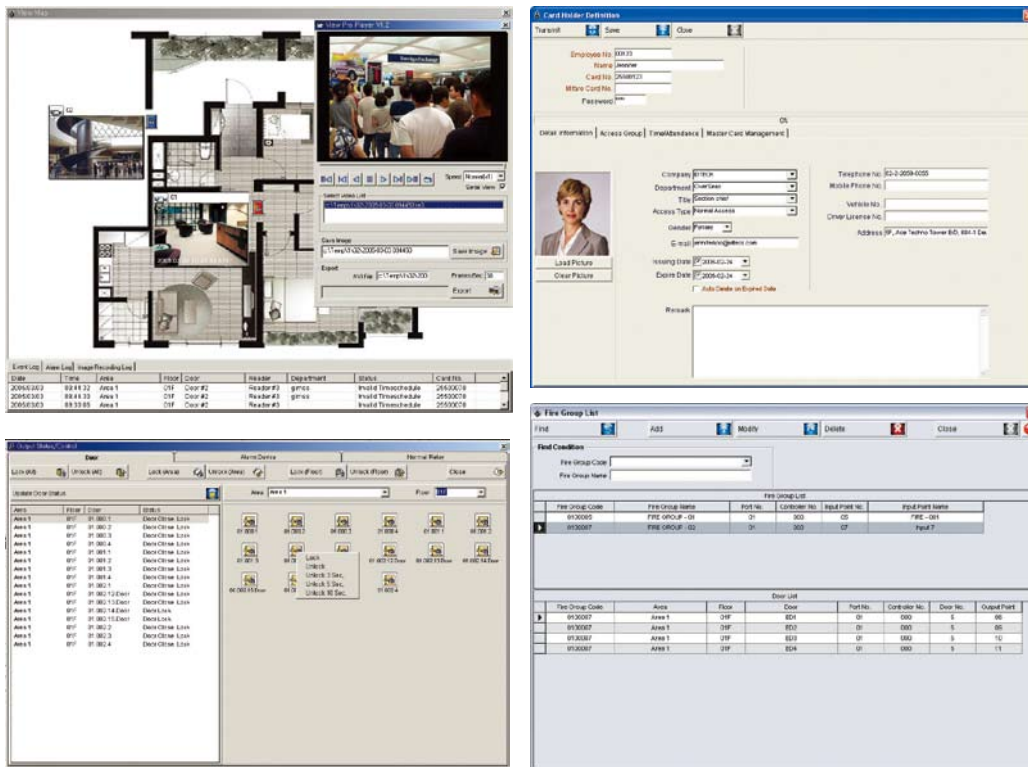


Structure of STARWATCH Software



	DUAL PRO I / iTDC PRO I	DUAL PRO II / iTDC PRO II	LX ACCESS PRO II
Database	Microsoft Access	Microsoft SQL Server2000, MSDE	Microsoft SQL Server2000, MSDE
Server / Client	N/A	1 Server + 20 Client	1 Server + 20 Client
Structure	2-tier	2-tier	2-tier
Main Function	Access Control and Time & Attendance Application	Access Control and Time & Attendance Application	Access control Application with basic Time & Attendance
Computer Requirement	CPU : Pentium-4 or Higher Memory : 256M or Higher HDD : 100G or Higher	CPU : Pentium-4 or Higher Memory : 512M or Higher HDD : 20G or Higher	CPU : Pentium-4 or Higher Memory : 512M or Higher HDD : 20G or Higher

Compatible Controller & Reader	1) Daul PRO I/II - Single door controller : 505R, FINGER007, FACE007, iCON100, SR505, FINGER007SR, FACE007SR, iCON100SR - Fingerprint reader : FINGER006, FGR006, FINGER006EX, FGR006EX, FINGER006SR, FGR006SR - Facial recognition reader : FACE006, FACE006EX, FACE006SR 2) iTDC PRO I/II - 2/4 door controller : iTDC, ITDC-SR - Elevator controller : ELEVATOR384 - Fingerprint reader : FINGER006, FGR006, FINGER006EX, FGR006EX, FINGER006SR, FGR006SR - Facial recognition reader : FACE006, FACE006EX, FACE006SR 3) LX ACCESS PRO II - Single door controller : LX505, LX007, LX505SR, LX007SR - Fingerprint reader : LX006		
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KEY Features

- **Operating system**
 - Microsoft Windows 2000 (Professional, Server)
 - Microsoft Windows XP (Home, Professional)
 - Microsoft Windows 2003 Server
- **Powerful network support**
 - Multi port support
 - TCP/IP, serial and dial-up communication available
- **Multi language support**
 - Korean, English, Spanish, Chinese, Japanese, French, Italian and others
 - Built in language converter to support user defined language translation for other language users
- **Batch transmission of system setting data by specific controller**
 - Useful to download controller system setting values at once in case of initial system setting or after initialization of controllers
- **Client / Sever Support :**
 - STARWATCH DUAL PRO II / iTDC PRO II // LX ACCESS PRO II
- **Total monitoring on one screen**
 - All in one screen display of event status, alarm status, user data of current event with photo, map showing location of event with icons, video image of the event, events sorted by door at the same time
- **Map function**
 - Real time door status display and control with door icon on the map, video record data listing and play option
- **Access Control System**
 - Real time monitoring of door access and alarm event
 - User options of event display, e-mail notice, map, video display and sound by event type
- **SMS Service**
- **Personal Tracking Report**
- **Time & Attendance**
 - Work hours, tardiness, absence, overtime report by individual by user defined time period
 - Work holiday, work time / break time definition by cardholder
 - Data export to Excel and Text file for other system cooperation with ERP, payroll etc.
- **Door / Alarm Status and Control**
 - User monitor access door status in real time
- **Fire Group Definition**
- **Guard Tour**
- **Visitor Management**
- **ID Batch Upload**
- **Input Status Monitoring**
- **ARM/DISARM Function**

Access Control System for Small-Size

Easy to install, Convenient to use

Controller plus reader in one device that operates in stand-alone or in network

- Application : Access Control and Time & Attendance
- Site : Small offices, small factories, stores and more
- Benefits : Simple installation, low cost

Standalone Access Control System

- Cost-effective system which can be operated only in stand-alone without communication
- Up to 100 Fingerprint users and up to 512 ID users



Fingerprint Identification
Access Controller

IP-FGR007HA



Proximity Access
Controller

RFL200



PIN & Proximity Single
Door Access Controller

100W



PINPAD Single Door
Access Controller

PIN120

Standalone / Network Access Control System

- Standalone or Network communication via RS232, RS422, RS485, and TCP/IP
- Up to 4,000 Fingerprint users, up to 20,000 ID users and up to 20,000 event buffers



Fingerprint Identification
Access Controller

LX007



Proximity Access
Controller

LX505



Fingerprint Identification
Access Controller

FINGER007



Proximity Access
Controller

505R



Fingerprint Identification
Access Controller

FGR007A

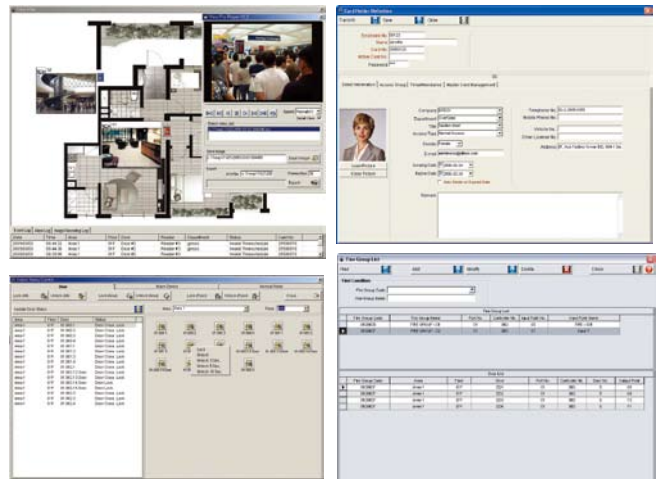
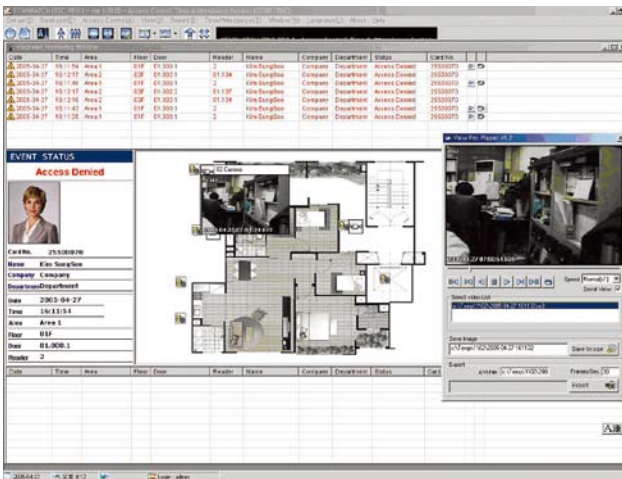


Proximity Access
Controller

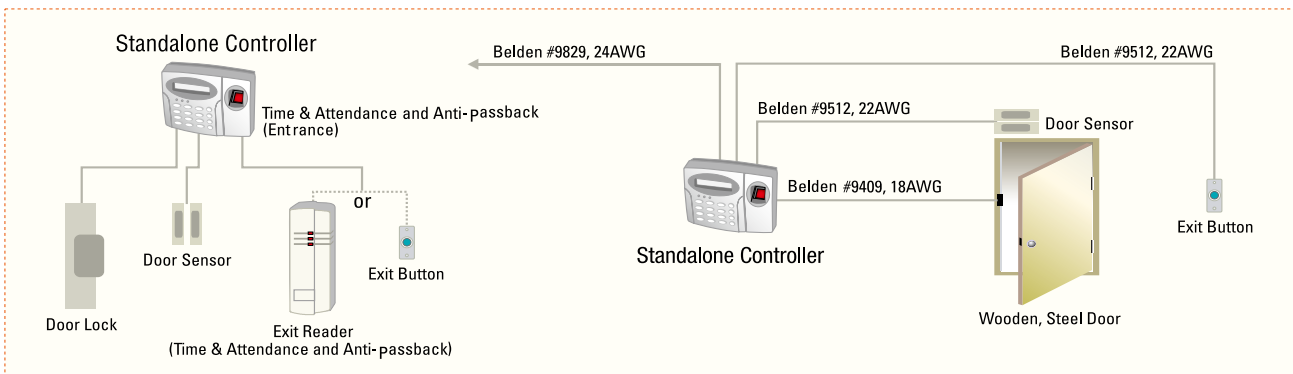
RFL200C

Management Software STARWATCH DUAL PRO I/II

- Powerful network support (TCP/IP, serial and dial-up communication)
- Multiple language support
- Intelligent access control of individual cardholders, groups and time schedules
- Microsoft Access(DUAL PRO I), Microsoft SQL server2000 and MSDE(DUAL PRO II)



Standalone / Small-size System Configuration



Access Control System for Medium-Size

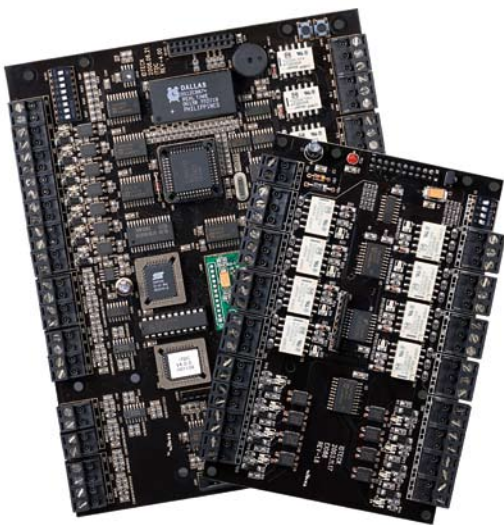
Optimized system for high level security

Access control system integrated with various other systems such as alarm, fire and CCTV and more!

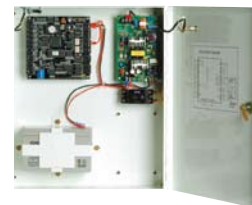
- Application: Access control and time & attendance for medium-sized buildings
- Applicable Site : Intelligent building, medium-sized factory, special facilities (Telecommunication facilities, Water supply facilities, garbage incineration plants)
- Benefits: High security, Various functions

1-4 door Access Control System

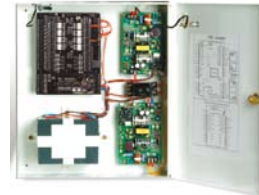
- Intelligent access control panel controlling up to 4 doors
- Dynamic control of memory up to 50,000 users / up to 29,500 event buffers
- Standalone/network communication via RS232/RS422/RS485 and TCP/IP



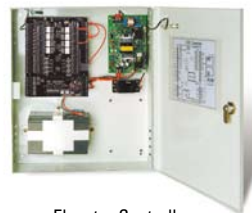
iTDC Main Board / EIO88 Board



Single Door Access Controller
iCON100 / iCON100SR



4 Door Access Controller
iTDC / iTDC-SR



Elevator Controller
ELEVATOR384

Compatible Readers

125KHz Proximity Reader

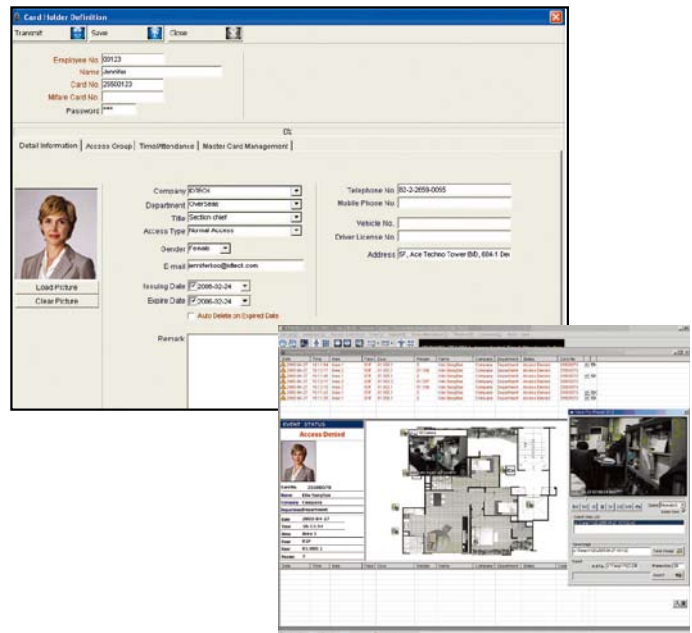
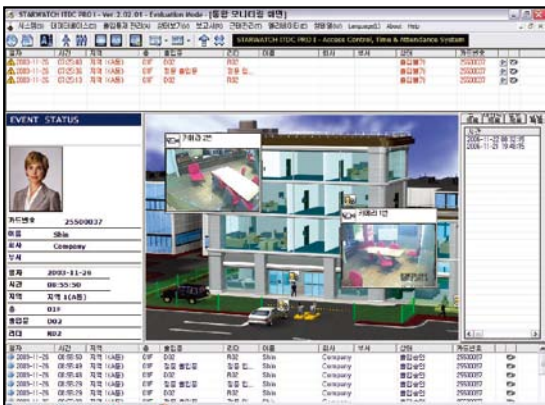


13.56MHz SMART(MIFARE) Reader



Management Software STARWACH iTDC PRO I/II

- Access control management including elevator control, visitor management and personal tracking system
- Import/Export utility
- Graphical maps and system overview
- Alarm event mappings and routings
- Escort control
- Guard tour/ mustering reports
- Powerful network support (TCP/IP, serial and dial-up communication)
- Multiple language support
- Intelligent access control of individual cardholders, groups and time schedules
- Microsoft Access (DUAL PRO I), Microsoft SQL server2000 and MSDE(DUAL PRO II)



Medium Size System Configuration

