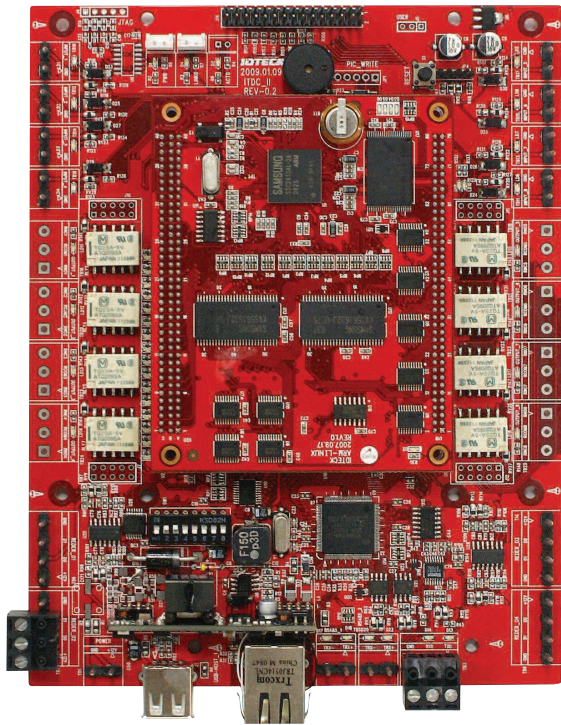


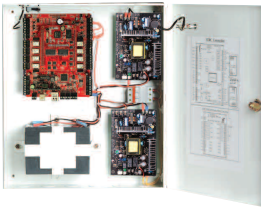
4 Doors Access Control Panel

iFDC

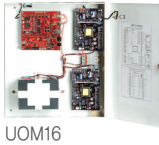
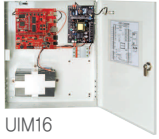


iFDC (4 Doors)

iFDC Package



iFDC Package - 1 (4 Doors)		
iFDC Board	1 EA	
NEMA Case	1 EA	
Power Supply (ID40WA)	2 EA	
NFB Switch	1 EA	
Back-up Battery (12V/4A)	2 EA	



UIM16 / UOM16 Package		
	UIM16	UOM16
Board	1 EA	1 EA
NEMA Case	1 EA	1 EA
Power Supply (ID40WA)	1 EA	2 EA
NFB Switch	1 EA	1 EA
Back-up Battery (12V)	1 EA (7A)	2 EA (4A)

System Features

- Up to 4 Door Access Control Panel
- Linux Operating System Applied for Higher System Performance and Stability
- Integrations with Video Surveillance, Alarm, Fire Alarm, BAS, BMS and Other Security Systems
- PoE (Power over Ethernet) Feature: Provides Ethernet Communication and Power Supply via Network Cable (CAT5)
- Embedded Apache Web Server*
- Automatic System Reset via Self-Diagnosis (Watchdog Function)
- Data Transmission Using Encrypted Algorithm (3DES)
- 8 Input Ports / 8 Output Ports
- Up to 100,000 User IDs / Up to 100,000 Event Buffers
- Anti-Passback Function / Duress Mode / 2 Men-Operation Function
- Arm/Disarm Function
- Guard Tour Function
- Advanced Security Time Schedule Configuration
- Configuration Setting per ID (Time Schedule, Card Usage Expiration Date, Accessible Reader, Door Opening Time, etc.)
- Event Priority Setting
- Alerts when Door Opening Time Exceeds and Forced Door Open
- Real-Time Monitoring of Access Door Status / User Access Status / Alarm Status using the Management Software
- Card Usage Expiration Date Setting
- Lost/Stolen Card Setting
- 4-Status Input Check (On/Off/Short/Cut)
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Firmware Upgrade via Remote Control
- Supports Expansion Input Board (UIM16) / Expansion Output Board (UOM16)
- Compatible Software: **STARWATCH ENTERPRISE, iDWATCH VIEW PRO**

- * Various Configuration Settings via Web
- User Registration / Deletion / Search Function
 - iEDC Network Information Setting (Ethernet / Serial Communication)
 - iEDC Board ID Search Function
 - Duress Mode / 2 Men-Operation Setting
 - Card Auto Deletion Reader Setting / Event Priority Setting
 - Output Time Setting for Card Event / Input Event
 - Reader Mode Setting (Proximity Reader, PIN&Proximity Reader)
 - Arm/Disarm Setting
 - Time Schedule Setting



❖ System Specification

Model		iFDC	
CPU		32 Bit (ARM9) Microprocessor	
OS		Embedded Linux	
Memory	Program	128M Byte SDRAM	
	Data	128M Byte Flash Memory	
User IDs		Up to 100,000 Users (Users and Event Buffer Definable)	
Event Buffers		Up to 100,000 Events (Users and Event Buffer Definable)	
Web Server		Embedded Apache Web Server (Controls up to 4 Doors when Operated via Web Browser)	
Power / Current		DC12V / Max. 350mA *PoE (IEEE802, 3af compliant:12V/1A)	
Reader Port		4 EA : 26/34 Bit Wiegand, 4/8 Bit Burst for PIN	
Communication		RS232 / RS485 (Max. 255ch.) / Ethernet	
Communication	Serial	57,600 bps(Default) / 9,600 bps / 19,200 bps / 38,400 bps / 115,200 bps(Selectable)	
	Ethernet	10/100 Mbps	
Input Port		8 EA (Input Type Selectable)	
Output Port		8 EA : 2 FORM-C Relay Output (COM, NO, NC) / DC 12V ~ 18V, Rating Max. 2A	
Buzzer		Piezo Buzzer	
LED Indicator		25 LED Indicators	
Operating Temperature		0° ~ +65°C	
Operating Humidity		10% ~90% Relative Humidity Non-Condensing	
Dimension (W x H x T) /Weight		185 x 145 x 18mm / 221g	
Certification		FCC, CE, KCC, RoHS, UL	
		UIM16 (Expansion Input Board)	UOM16 (Expansion Output Board)
CPU		8 Bit Microprocessor	
Memory	Program	128K Byte Flash Memory	
	Data	4K Byte SRAM	
Input Port		16 EA	N/A
Output Port		2 EA	16 EA
Communication		Ethernet (10/100 Mbps)	
Power / Current		DC12V / Max. 300mA	DC12V / Max. 500mA
Time Schedule			
Time Code	256	Holiday Code	128
Time Interval	24	Holiday	64

❖ iFDC Configuration

