

Single Door Access Control Panel



System Features

- Automatic System Reset via Self-Diagnosis (Watchdog Function)
- Anti-Passback Function
- Duress Mode Function
- 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
- 3-Status Input Check (On/Off/Cut)
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Firmware Upgrade via Remote Control
- Compatible Software: STARWATCH DUAL PRO I/II, STANDARD, iDWATCH VIEW PRO

Model		iCON100	
CPU		8 Bit Microprocessor	
Memory	Program	128K Byte Flash Memory	
	Data	1M Byte Flash Memory	
User IDs		10,000 ~ 50,000 Users (Default Setting: 10,000)	
Event Buffers		10,000 ~ 50,000 Events (Default Setting: 50,000)	
Power / Current		DC12V / Max. 200mA	
Reader Port		2 EA : 26/34 Bit Wiegand, 4/8 Bit Burst for PIN (26 Bit Wiegand, 34 Bit Wiegand Selectable)	
Communication		RS232 / RS422 (Max. 32ch.) / Ethernet (Internal Ethernet Module IIM7100A Required / Optional)	
Communication	Serial	9,600 bps (Default) / 4,800 / 19,200 / 38,400 / 57,600 / 115,200 bps (Selectable)	
	Ethernet	10/100 Mbps	
Input Port		5 EA : Exit Button, Door Sensor, AUX #1, AUX #2, AUX #3	
Output Port		2 EA : 2 FORM-C Relay Output (COM, NO, NC) / DC 12V ~ 18V, Rating Max. 2A 2 EA : TTL Output / DC 5V, Rating Max. 20mA	
LED Indicator / Buzzer		16 LED Indicators / Piezo Buzzer	
Operating Temperature		0° ~ +65°C	
Operating Humidity		10% ~90% Relative Humidity Non-Condensing	
Dimension(W x H x T) / Weight		137 x 137 x 18mm / 170g	
Certification		FCC, CE, KCC, RoHS, UL	
Optional Features (Manual Configuration Available for Standalone Operation)			
LCD		Character LCD [2 Lines x 16 Char.] / 80 x 36mm [3.15" x 1.41"] Screen	
Keypad		16 Numeric Keypad	
Time Schedule			
Time Code	10	Holiday Code	10
Time Interval	5	Holiday	32



NEMA Case



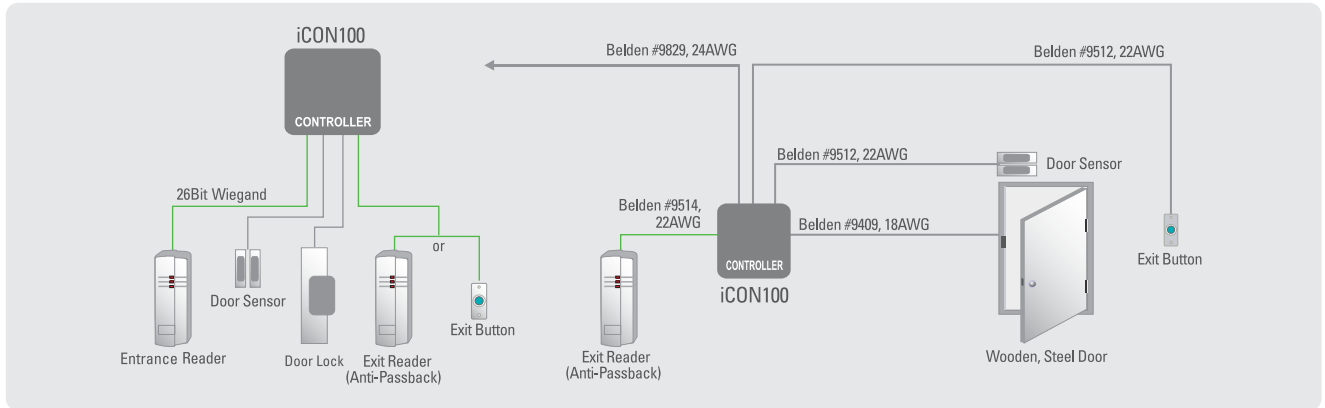
Ethernet Module
(IIM7100A Module)



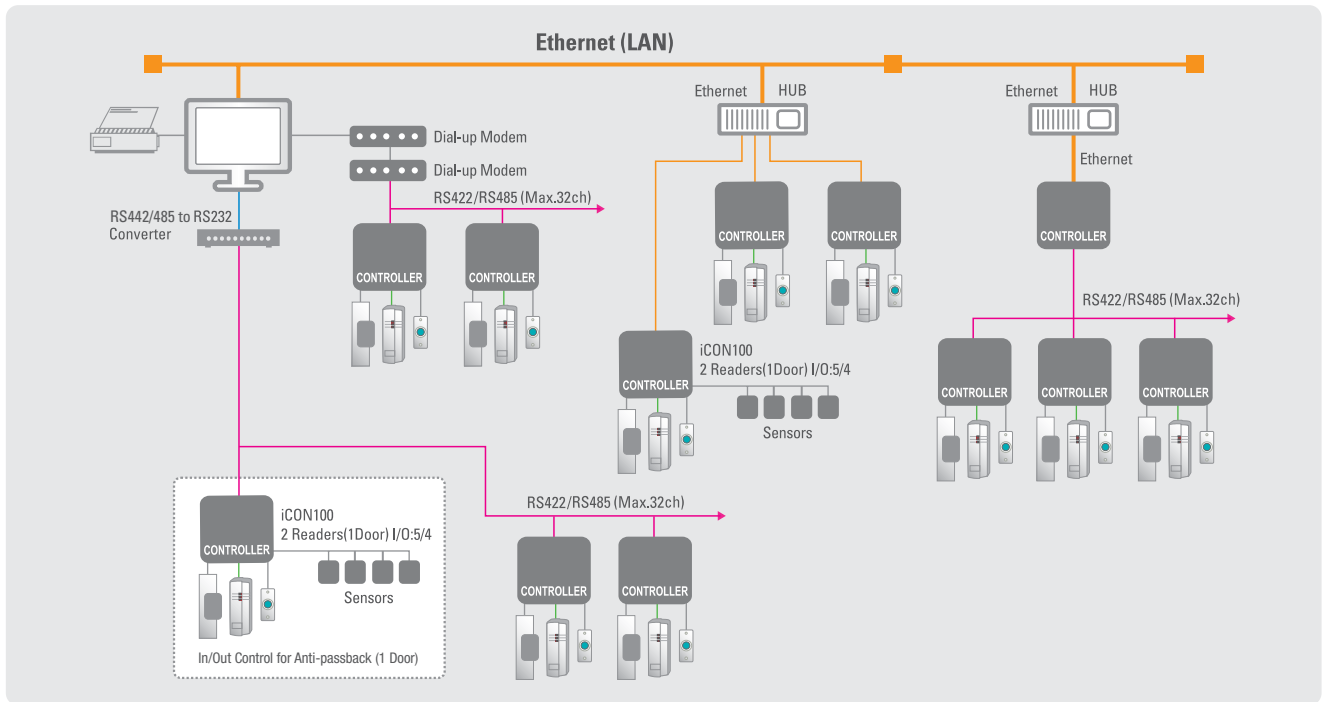
Keypad/LCD

iCON100 Configuration

Standalone Configuration



Network Configuration



iCON100 Package



iCON100 Package - 1 (1 Doors)

iCON100 Board	1 EA
NEMA Case	1 EA
Power Supply (1D40WA)	1 EA
NFB Switch	1 EA
Back-up Battery (12V/7A)	1 EA

iCON100 Package-2 (1 Door-Ethernet (TCP/IP))

iCON100 Board	1 EA
NEMA Case	1 EA
Power Supply (1D40WA)	1 EA
NFB Switch	1 EA
Back-up Battery (12V/7A)	1 EA
Ethernet Module (IIM7100A)	1 EA