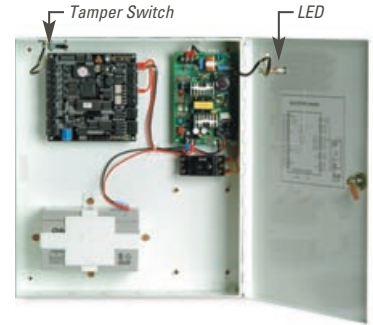
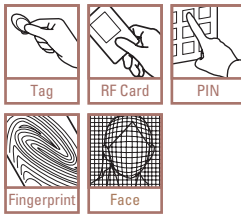


Intelligent Single Door
Access Control Panel

iCON100 iCON100M



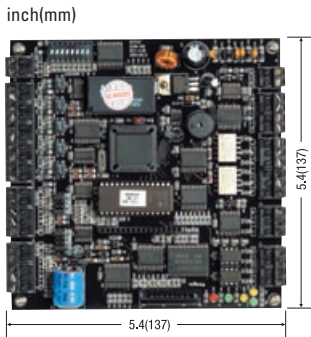
iCON100/M



KEY Features

- Single Door Access Controller Panel
- Dynamic Control of Memory up to 10,000 Users / up to 7,250 Event Buffers
- Standalone / Network Communication via RS232 / RS422 / RS485 (Max.32ch), TCP/IP (LAN Converter required)
- Independent 5 Inputs and 4 Outputs including 2ea of 2 Form-C Relay Outputs
- Reader Port for Anti-Passback Function:
iCON100 - 2ea (26bit Wiegand, 4 / 8bit Burst for PIN)
iCON100M - 2ea (ABA Track II)
- Remain ID & Event Data and Setting Value in case of Electric Outage
- Optional LCD display and Keypad connectable to Control for Standalone Operation, Manual Setting
- Duress Mode Function
- Alarm Event Monitoring using Tamper Switch (by Application Software)
- Communication Status via LED Indicator
- Options: LCD display, Keypad(for standalone, manual setting)
- Compatible Software: STARWATCH DUAL PRO I / II

IDTECK



Thickness : 0.75(19)



Comparison Table

iCON100	26bit Wiegand, 4 / 8 bit Burst for PIN
iCON100M	ABA Track II

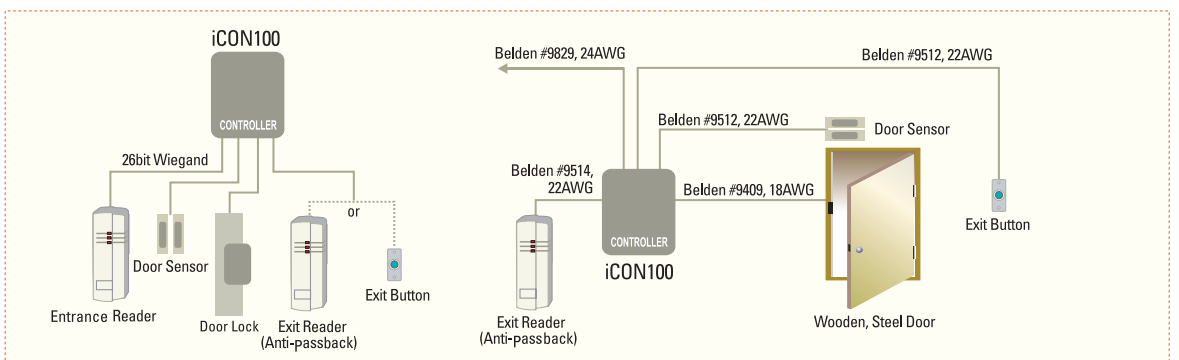
Time Schedules

- Time Code : 10
- Time Interval : 5
- Holiday Code : 10
- Holiday : 32

iCON100 Package

- iCON100 Board – 1ea
- Steel Case (Nema Case) – 1ea
- Power Supply (ID40WA) (DC12V) – 1ea
- Back-up Battery (7A) – 1ea
- NFB Switch – 1ea

Standalone Configuration





Specifications

Model		iCON100	iCON100M
CPU		8bit Microprocessor	
Memory	Program Memory	64Kbyte ROM	
	Data Memory	128Kbyte SRAM (Battery back up)	
User		Users and Event Buffers defined available	
		500 ~ 10,000 Users	
Event Buffer		2,500 ~ 7,250 Event Buffers	
Power / Current		DC 12V / Max.350mA	
Reader Port		2ea (26bit Wiegand, 4 / 8bit Burst for PIN)	2ea (ABA Track II)
Communication		RS232 / RS422 / RS485 (Max.32ch), TCP/IP (LAN Converter required)	
Baud Rate		9,600bps (recommended) / 4,800bps, 19,200bps and 38,400bps (selectable)	
Input Port		5ea (Exit Button, Door Sensor, Aux#1, Aux#2, Aux#3)	
Output Port		2ea (2 FORM-C Relay Output (COM, NO, NC) / DC12V~18V, Rating Max.2A) 2ea (TTL Output / DC5V, Rating Max.20mA)	
LED Indicator		5 LED Indicators (Red, Green and Yellow)	
Beeper		Piezo Buzzer	
Operating Temperature	LCD	0° to +50° C (+32° to +122° F)	
	Controller	0° to +65° C (+32° to +149° F)	
Operating Humidity		10% to 90% relative humidity non-condensing	
Dimension (W x H x T)		5.4" x 5.4" x 0.75" (137mm x 137mm x 18mm)	
Weight		170g (0.38lbs)	
Certification		FCC, CE, MIC, ROHS	
Options (Manual Setting Available for Standalone Operation)			
LCD		Character LCD (2 Lines x 16 Char) / 2.62" x 0.55" (65.6 mm x 13.8 mm) Screen	
Keypad		16 Key Numeric Keypad / Membrane	

Network Configuration

