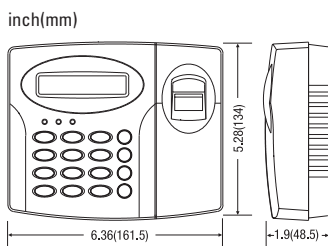
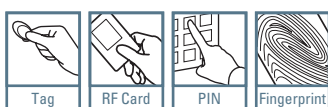


ASK [EM] Format
Fingerprint Identification (Proximity/PIN)
Time & Attendance Access Controller

IP-FINGER007



IP-FINGER007



KEY Features

- 1:1 Verification and 1: N Identification
- Identification Method: by PIN Key (default)
by Auto Touch Sensor (optional): IP-FINGER007A
- 125KHz Proximity/PIN and Fingerprint Recognition
- ASK [EM] Format
- Dual Function for Access Control and Time & Attendance
- 1,000 / 2,000 / 4,000 Fingerprint Users/ up to 50,000 Events Buffers
- ID only Function for Fingerprint Unregisterable Person
- Standalone / Network Communication via RS232 / RS422 / RS485 (Max.32ch), TCP/IP (External LAN Converter required)
- 1ea of External Reader Port for Anti-passback Function :
26bit Wiegand, 4 / 8bit Burst for PIN
- Independent 4 Inputs and 4 Outputs including 2ea of 2 Form-C Relay Outputs
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor
- Dual Tamper Switches
- Alarm Event Monitoring using Tamper Switch (by Application Software)
- Options: 1,000 / 2,000 / 4,000 Fingerprint Users
Auto Touch Sensor for Identification (IP-FINGER007A)
- Compatible Software: STARWATCH DUAL PRO 1/II

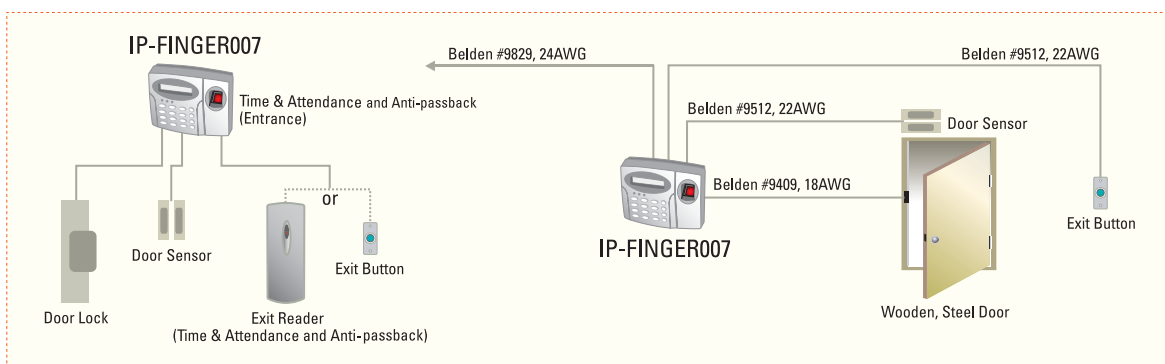
Time Schedules

- Time Code : 10
- Time Interval : 5
- Holiday Code: 30
- Holiday : 32

Comparison Table

IP-FINGER007	Built in 125KHz (4") Proximity Reader RF (PIN) only / Fingerprint only / RF (PIN)+ Fingerprint RF (PIN)+P/W (4digit) / RF+P/W (4digit)+ Fingerprint
IP-FINGER007A	IP-FINGER007 including Auto Touch Sensor for Identification

Standalone Configuration





Fingerprint Module Specifications

Resolution	500dpi
Capture Image Size	356 x 292 pixels
Extraction Image Size	248 x 292 pixels
Sensing Area	12.7mm x 14.9mm
Scanner	High Quality Optical Sensor
FAR(False Acceptance Ratio)	0.001%
FRR(False Reject Ratio)	0.1%
ESD(Electro Static Discharge)	15KV
Verification Time	Less than 1sec.
Identification Time	Less than 2sec.

Specifications

Model		IP-FINGER007	
CPU		32bit ARM9 and Dual 8bit Microprocessor	
Memory	Fingerprint Module	Program Memory	128KByte ROM
		Data Memory	128KByte / 256KByte / 512KByte Flash Memory
	Controller	Program Memory	64KByte Flash Memory
		Data Memory	512KByte SRAM (Battery back up)
Fingerprint User / Event Buffer		1,000 / 2,000 / 4,000 Fingerprint Users / up to 50,000 Events Buffers	
Fingerprint Templates Size		800 Bytes for 2 Fingerprint Templates	
Read Range		IPK50: Up to 2 inch (5cm) IPC80 / IPC170: Up to 4 inch (10cm)	
Reading Time (Card)		30ms.	
Verification Time		Less than 1sec.	
Identification Time		Less than 2sec.	
Power / Current		DC 12V / Max.300mA	
External Reader Port		1ea (26bit Wiegand, 4 / 8bit Burst for PIN for Anti-passback)	
Communication		RS232 / RS422 / RS485 (Max.32ch), TCP/IP (External LAN Converter required)	
Baud Rate		9,600bps (default) / 4,800bps, 19,200bps and 38,400bps (selectable)	
Input Port		4ea (Exit Button, Door Sensor, Aux#1, Aux#2)	
Output Port		2ea (2 FORM-C Relay Output (COM, NO, NC) / DC12V~18V, Rating Max.2A) 2ea (TTL Output / DC5V, Rating Max.20mA)	
LCD		Character LCD (2 Lines x 16 Char) / 2.62" x 0.55" (65.6mm x 13.8mm) Screen	
Keypad		16 Key Numeric Keypad with Back Lighting	
LED Indicator / Beeper		3 Array LED Indicators (Red, Green and Yellow) / Piezo Buzzer	
Operating Temperature	Fingerprint Module / LCD	-15° to +40° C (+5° to +104° F) / 0° to +50° C (+32° to +122° F)	
	Controller / RF Reader	-15° to +70° C (+5° to +158° F) / -35° to +65° C (-31° to +149° F)	
Operating Humidity		10% to 90% relative humidity non-condensing	
Color / Material		Dark Pearl Gray / Polycarbonate	
Dimension (W x H x T) / Weight		6.36" x 5.28" x 1.9" (161.5mm x 134mm x 48.5mm) / 547g (1.21lbs)	
Certification		UL, FCC, CE, MIC, RoHS	

Network Configuration

