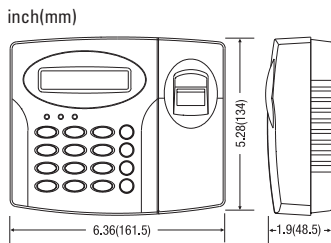
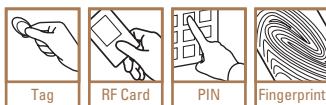


Fingerprint Identification (Proximity / PIN)
Time & Attendance Access Controller

FINGER007 FINGER007P



FINGER007/P



KEY Features

- 1:1 Verification and 1: N Identification
- Identification Method: by PIN Key (default)
by Auto Touch Sensor (optional): FINGER007A/ PA
- 125KHz Proximity / PIN and Fingerprint Recognition
- Dual Function for Access Control and Time & Attendance
- 1,000 / 2,000 / 4,000 Fingerprint Users / 26,000 Event 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 (FINGER007A/ PA)
- Compatible Software: STARWATCH DUAL PRO I / II

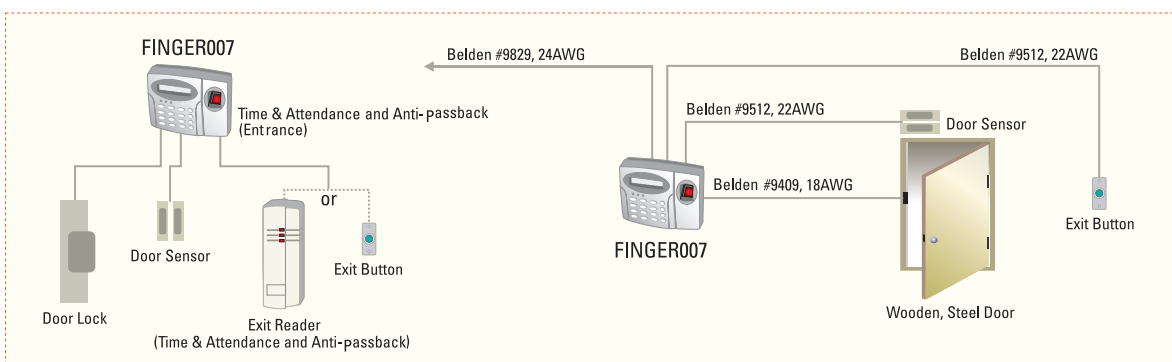
Time Schedules

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

Comparison Table

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
FINGER007P	PIN (4~8digit) only / Fingerprint only / PIN+ Fingerprint PIN+P/W (4digit) / PIN+ P/W (4digit) + Fingerprint
FINGER007A	FINGER007 including Auto Touch Sensor for Identification
FINGER007PA	FINGER007P including Auto Touch Sensor for Identification

Standalone Configuration



Time & Attendance Pack

Contents of FINGER007TA Pack

- FINGER007 - 1ea
- Power Adapter (AC110V~220V, Output DC12V, 1A)
- Cable - 1ea
- Card (IDC80) - 50ea
- Time & Attendance Application S/W - 1ea
- Software Manual - 1copy



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		FINGER007	FINGER007P
CPU		32bit ARM9 and Dual 8bit Microprocessor	
Memory Module	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 / 26,000 Event Buffers	
Fingerprint Templates Size		800Bytes for 2 Fingerprint Templates	
Read Range	Passive Type	IDK50 / IMC125 : Up to 2 inch (5cm)	PIN only
		IDC80 / IDC170: Up to 4 inch (10cm)	
	Active Type	IDA150 / IDA200 compatible	
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-Pass-Back)	
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	

Network Configuration

