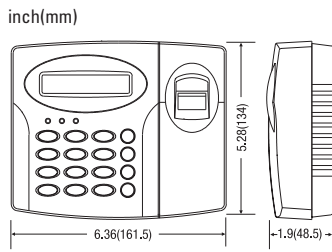
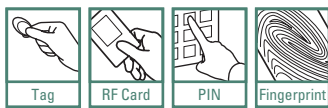


Fingerprint & 13.56MHz Contactless Smart Card
Time & Attendance Access Controller

FINGER007SR



FINGER007SR



KEY Features

- 1:1 Verification and 1: N Identification
- Identification Method: by PIN Key (default)
by Auto Touch Sensor (optional) : FINGER007SRA
- 13.56 MHz Contactless Smart Card Reader and Fingerprint Recognition
- ISO14443 type A compatible
- Serial Number Read only
- 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:
34bit 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 (FINGER007SRA)
- Compatible Software: STARWATCH DUAL PRO I / II

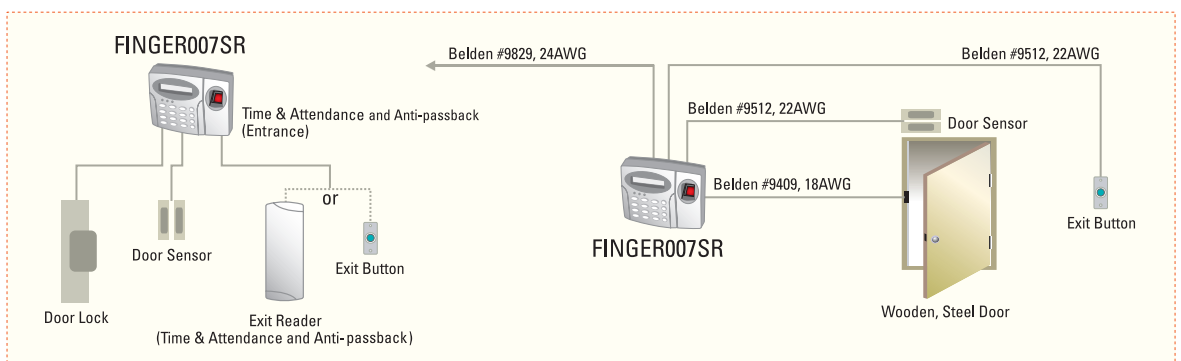
Time Schedules

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

Comparison Table

FINGER007SR	Built-in 13.56MHz (4") Contactless Smart Card Reader Smart only / Fingerprint only / SMART + P/W (4digit) Smart + Fingerprint / SMART + P/W (4digit) + Fingerprint
FINGER007SRA	FINGER007SR 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		FINGER007SR
CPU		32bit ARM9 and Dual 8bit Microprocessor
Memory	Fingerprint Module	Program Memory 128KByte ROM
	Controller	Data Memory 128KByte / 256KByte / 512KByte Flash Memory
		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		800 Bytes for 2 Fingerprint Templates
Read Range		ISK50 / IHC80 / IMC135: Up to 2 inch (5cm) ISC80: Up to 4 inch (10cm)
Frequency		13.56MHz
Reading Time (Card)		30ms.
Verification Time		Less than 1sec.
Identification Time		Less than 2sec.
Power / Current		DC 12V / Max.300mA
External Reader Port		1ea (34bit 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

