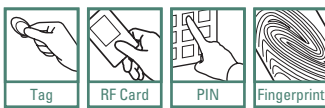


Fingerprint Stored Smart Card
Access Controller

FINGER007SRB

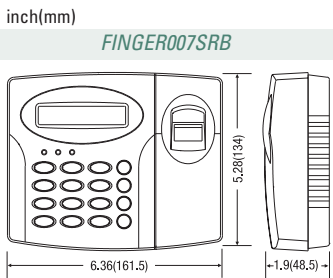


FINGER007SRB



KEY Features

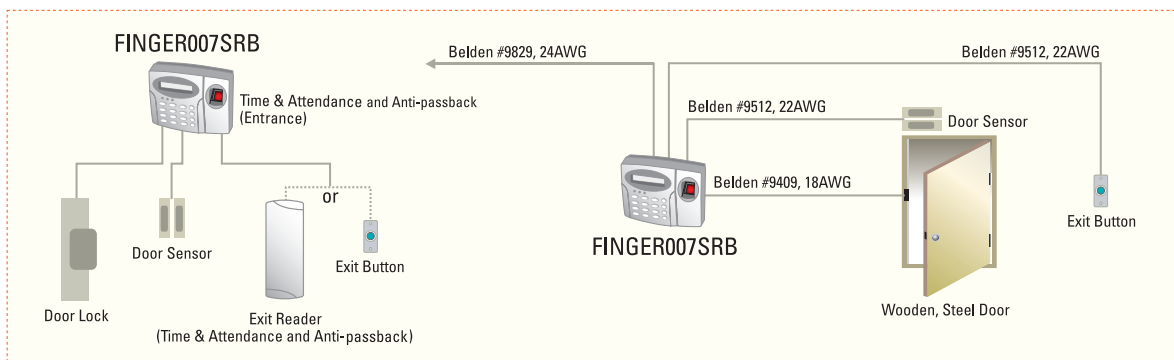
- 1:1 Verification
- Fingerprint & 13.56MHz [MIFARE] Smart Card Reader and Fingerprint Verification
- Read Portable Smart Card that is stored Fingerprint Template programmed on PRG2000B
- Dual Function for Access Control and Time & Attendance
- 20,000 Users / 30,000 Event Buffers
- ID only Function for Fingerprint Unregisterable Person through Smart Card is programmed by PRG2000B
- Decode Encrypted Biometrics Data using Patented Encryption Algorithm
- Protected ID and Fingerprint Template Copy
- Support STAR PRG2000B Programmer with ID & Fingerprint Template issuing Software
- 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
- No need to manage Fingerprint Templates
- Flexible Quality Solution to suit Any Applications
- Secure Sign-on Facility
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor
- Dual Tamper Switches
- Mode Selection: SMART only / SMART+ P/W (4digit)
SMART+ Fingerprint / SMART+ P/W (4digit) + Fingerprint
- Compatible Software: STARWATCH DUAL PRO I / II
- Compatible Reader: SR10B, SR30B, SRK101B



Time Schedules

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

FINGER007SRB 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)	± 12KV (indirect)
Verification Time	Less than 1sec.

Specifications

Model		FINGER007SRB	
CPU		32bit ARM9 and Dual 8bit Microprocessor	
Memory	Fingerprint Module	Program Memory	1MByte Flash ROM
		Data Memory	8MByte SDRAM
	Controller	Program Memory	256KByte ROM
		Data Memory	1MByte Flash memory
Fingerprint User		20,000 Fingerprint Users	
Event Buffer		30,000 Event Buffers	
Frequency		13.56MHz [MIFARE]	
Read Range		ISK50 / IHC80 / IMC135: Up to 2 inch (5cm) ISC80: Up to 4 inch (10cm)	
Reading Time (Card)		500ms.	
Verification Time		Less than 1sec.	
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 Replay 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		3 Array LED Indicators (Red, Green and Yellow)	
Beeper		Piezo Buzzer	
Operating Temperature	Fingerprint Module	-15° to +40° C (+5° to +104° F)	
	LCD	0° to +50° C (+32° to +122° F)	
	Controller	-15° to +70° C (+5° to +158° F)	
	RF Reader	-35° to + 65° C (-31° to +149° F)	
Operating Humidity		10% to 90% relative humidity non-condensing	
Color		Dark Pearl Gray	
Material		Polycarbonate	
Dimension (W x H x T)		6.36" x 5.28" x 1.9" (161.5mm x 134mm x 48.5mm)	
Weight		547g (1.21lbs)	
Certification		UL, FCC, CE, MIC	

FINGER007SRB Configuration

