

SSA-S3010/S3020/S3040/ S3011/S3021/S3041

FINGERPRINT RECOGNITION,
PROXIMITY / SMART CARD & PIN,
TIME & ATTENDANCE ACCESS CONTROLLER



KEY Features

- 125KHz Proximity / 13.56MHz Contact-less Smart Card, PIN and Fingerprint Recognition
- Dual function for Access Control and Time & Attendance
- 1:1 Verification and 1:N Identification storable 2 Fingerprint Templates
- Fingerprint quality display
- 1,000 / 2,000 / 4,000 Fingerprint Users
- 10,000 / 20,000 ID Users and 20,000 / 10,000 Event Buffers (Selectable)
- 4 Level Door Open Time Setting by Individual ID
- Time Schedules Setting by Individual ID, Input Port, Output Port and Reader Mode
- Network Communication via RS232, RS485 and built-in TCP/ IP
- 4 Input, 4 Output (2 Relay Output)
- 26bit / 34bit Wiegand Output
- User Name Display on LCD
- 2 Men Operation Mode / Duress Alarm Function
- Graphic LCD of Multi Languages Display

Specifications

Model	SSA-S3010	SSA-S3020	SSA-S3040	SSA-S3011	SSA-S3021	SSA-S3041
User						
Total Users	10,000 / 20,000 Users (Selectable)					
Fingerprint Users	1,000	2,000	4,000	1,000	2,000	4,000
Fingerprint Templates Size	800 Bytes for 2 fingerprint Templates					
Event Buffer	20,000 / 10,000 Event Buffers (Selectable)					
Power / Current	DC 12V / Max.540mA			DC 12V / Max.560mA		
Reader Port	1ea: 26bit Wiegand, 8bit Burst for PIN for Anti-Pass-Back			1ea: 34bit Wiegand, 8bit Burst for PIN for Anti-Pass-Back		
Frequency	125KHz			13.56MHZ		
Reading Time (Card)	30ms					
Verification Time	Less than 1sec.					
Identification Time	Less than 2sec.					
Door Open Time	00-99 Sec. (Default 3Sec.)					
Communication	RS232 / RS485(Max 32CH), TCP/IP					
Baud Rate(bps)	9,600/ 19,200 / 38,400 / 57,600(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 1ea : TTL Output / DC5V, Rating MAX.20mA 1ea : 26bit Wiegand Output Supported by TTL Output 1ea : 34bit Wiegand Output Supported by TTL Output					
LED Indicator	3 LED Indicators (Red, Green and Yellow)					
Beeper	Piezo Buzzer					
LCD	Graphic LCD (128 x 64 dots), 72.5mm x 39.5mm (2.85" x 1.56") View area					
Keypad	24 key Numeric Keypad with Back Lighting (12 Function Key included)					
Language	Multi-Language Support (UI/Voice)					
Operating Temperature	0°C to +50°C					
Operating Humidity	10% to 90% relative humidity non-condensing					
Color / Material	Silver with Black / Polycarbonate					
Dimension (W x H x D)	191.5 x 159.5 x 44.0mm					
Weight	760g					
Fingerprint Module Specifications						
Resolution	500dpi					
Capture Image Size	412 x 302 pixels					
Extraction Image Size	260 x 300 pixels					
Sensing Area	13mm x 15.2mm					
Scanner	High Quality Optical Sensor					
FAR	0.001%					
FRR	0.1%					
ESD	15KV					
Verification Time	Less than 1sec.					
Identification Time	Less than 2sec.					
TIME SCHEDULES						
TIME CODE	10					
TIME INTERVAL	5					
HOLIDAY CODE	10					
HOLIDAY	100					

