



FINGER006SRB



ISC80

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)	± 10KV (indirect)
Verification Time	Less than 1sec.

Specifications

Model		FGR006SRB	FINGER006SRB
CPU		32bit ARM9 and 8bit Microprocessor	32bit ARM9 and Dual 8bit Microprocessor
Memory	Fingerprint Module	Program Memory	1MByte Flash ROM
		Data Memory	8MByte SDRAM
	Controller	Program Memory	128KByte ROM
		Data Memory	256KByte SRAM
User		Unlimited Fingerprint Users	
Fingerprint Template Size		400Bytes for 1 Fingerprint Template on the Smart Card	
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.350mA	DC 12V / Max.300mA
Communication		RS232 (Max.255ch) TCP / IP (External LAN Converter required)	
Baud Rate		9,600bps (default) / 4,800bps, 19,200bps and 38,400bps (selectable)	
Input Port		2ea :External LED Control, External Buzzer Control	2ea :Error-Input, OK-Input
Output Port		2ea (Error-Output, OK-Output (Open Collector Output))	
Output Format		26bit Wiegand, RS232 (default) / ABA Track II (optional)	
LCD		N/A	Character LCD (2 Lines x 16 Char) 2.62" x 0.55" (65.6mm x 13.8mm) Screen
Keypad		N/A	16 Key Numeric Keypad with Back Lighting
LED Indicator		3 Array LED Indicators (Red and Green)	3 Array LED Indicators (Red, Green and Yellow)
Beeper		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		Pearl Dark Gray and Light Gray	Dark Pearl Gray
Material		Polycarbonate	
Dimension (W x H x T)	2.6" x 5.1" x 2.0"		6.36" x 5.28" x 1.9"
	(66mm x 129mm x 52mm)		(161.5mm x 134mm x 48.5mm)
Weight		259.5g (0.57lbs)	547g (1.21lbs)
Certification		FCC, CE, MIC, RoHS	MIC, RoHS