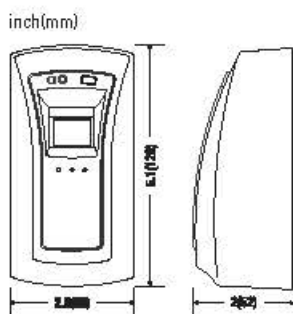


Fingerprint & 13.56MHz Contactless Smart Card Reader

FGR006SR



FGR006SR



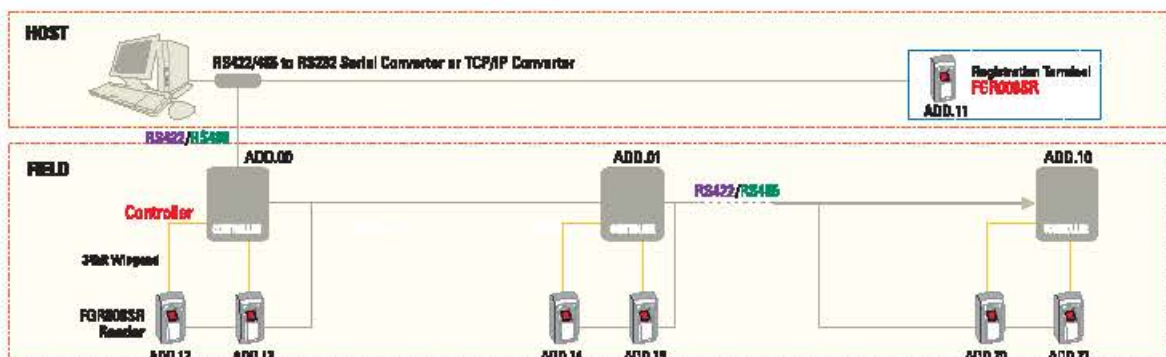
KEY Features

- 1:1 Verification and 1: N Identification
- Identification Method: by Auto Touch Sensor (optional): FGR006SRA
- 13.56MHz Contactless Smart Card Reader and Fingerprint Recognition
- ISO14443 type A compatible
- Serial Number Read only
- 1,000/2,000/4,000 Fingerprint Users
- ID only Function for Fingerprint Unregistrable Person
- Network Communication via RS232/RS422/RS485 (Max.255ch), TCP/IP (External Converter required)
- 34bit Wiegand (default) and ABA Track II (optional) Output Format
- Upload/Download Fingerprint Templates using Notebook :RS232C Stereo Jack required (optional)
- Fingerprint Register / Reader Mode using Master Card
- Off-line Add / Delete Function using Master Card
- Firmware Upgrade via S/W
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor
- Tamper Switch
- Options: Supervisory Signal, RS232C Stereo Jack
- Compatible Software: STARWATCH DUAL PRO I/II, iTDC PRO I/II
- Compatible Controller: iCON100SR, iTDC-SR
(34bit Wiegand) Third Party Controller
FINGER007SR, FACE007SR, SR505

Comparison Table

FGR006SR	Built-in 13.56MHz (4") Contactless Smart Card Reader
	Smart only / Fingerprint only / SMART + Fingerprint
FGR006SRA	FGR006SR including Auto Touch Sensor for Identification

Connect IDTECK Contoller with Fingerprint Reader



Upload/Download Fingerprints using Notebook



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			FGR006SR
CPU			32bit ARM9 and Dual 8bit Microprocessor
Memory	Fingerprint Module	Program Memory	128KByte Flash ROM
		Data Memory	128KByte / 256KByte / 512KByte Flash Memory
	Controller	Program Memory	128KByte Flash Memory
		Data Memory	256KByte SRAM (Battery back up)
Fingerprint User / Event Buffer			1,000 / 2,000 / 4,000 Fingerprint Users
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.350mA
Communication			RS232 / RS422 / RS485 (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)
Output Port			2ea (Error-Output, OK-Output (Open Collector Output))
Output Format			34bit Wiegand (default), ABA Track II (optional)
LED Indicator / Beeper			3 Array LED Indicators (Red and Green) / Piezo Buzzer
Operating Temperature	Fingerprint Module		-15° to +40° C (+5° to +104° F)
	RF Reader		-35° to +65° C (-31° to +149° F)
Operating Humidity			10% to 90% relative humidity non-condensing
Color / Material			Pearl Dark Gray and Light Gray / Polycarbonate
Dimension (W x H x T) / Weight			2.6" x 5.1" x 2.0" (66mm x 129mm x 52mm) / 259.5g (0.57/bs)
Certification			FCC, CE, MIC, RoHS

Connect Third Party Controller with Fingerprint Reader

