

High Compatibility Fingerprint Reader (Fingerprint / RFID / RFID + Fingerprint)



- Able to Scan Fingerprint from any Angle
- Fingerprint Enrollment Management Software (Fingerprint Enrollment Pro/FREE Version) enable the Easy Fingerprint Enrollment
- Fake Fingerprint Detection : Auto on Function & LIVE Fingerprint Detection
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Read Output Format : 26Bit Wiegand(LX006/IP-FGR006) / 34Bit Wiegand(LX006SR)



FGR006
IP-FGR006
FGR006SR

High Compatibility Fingerprint Reader (Fingerprint / RFID / RFID + Fingerprint) FGR006 / IP-FGR006 / FGR006SR

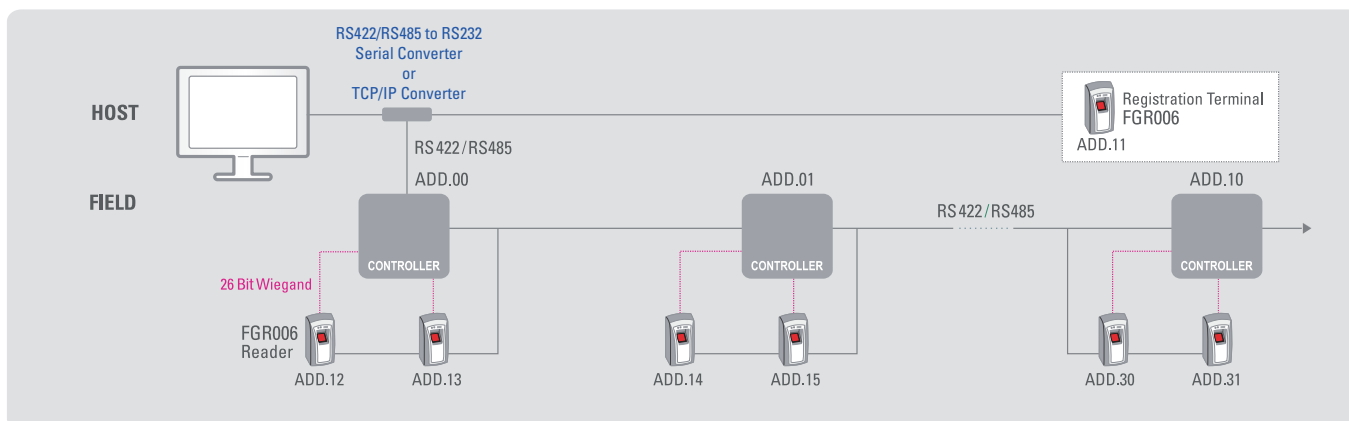


Key Features

- **FGR006** : 125KHz IDTECK Secure & Credential Format (IDC) Proximity and Fingerprint Reader
- **IP- FGR006** : 125KHz EM(ASK) Format Proximity and Fingerprint Reader
- **FGR006SR** : 13.56MHz Contactless Smart Card Reader(ISO14443 Type A) and Fingerprint Reader
- Operation Mode : RFID, Fingerprint, RFID+Fingerprint
- Fingerprint Registration: Up to 5,000 Users
- ID only Function for Fingerprint Unregistrable Person
- **Easy Fingerprint Enrollment System**
 - Fingerprint Enrollment Management Software (Fingerprint Enrollment Pro/FREE Version) enable the Easy Fingerprint Enrollment
 - User Registration and Deletion Using the Master Card
- Off-line Add/Delete Function Using Master Card
- **Communication** : RS485, RS232, TCP/IP (Required External TCP/IP Converter) (for Fingerprint Template Upload/Download)
- **Read Output Format** : 26Bit Wiegand(FGR006/IP-FGR006) / 34Bit Wiegand(FGR006SR)
- Able to Scan Fingerprint from Any Angle
- **Fake Fingerprint Detection** : Auto on Function & LIVE Fingerprint Detection
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Compatible Controllers: iMDC, iEDC, iFDC, iTDC, iCON100, Standalone Controller, Third Party Controller
- Compatible Software: IDTECK Enterprise Series, IDTECK Standard Series, IDTECK Time Pro, Fingerprint Enrollment Pro (for Third Party Controller)

Configuration

- Connect IDTECK Controller with Fingerprint Reader (Serial or TCP/IP Communication)



High Compatibility Fingerprint Reader (Fingerprint / RFID / RFID + Fingerprint) FGR006 / IP-FGR006 / FGR006SR



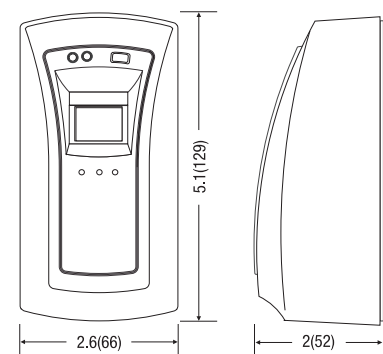
Specifications

Model		FGR006	IP-FGR006	FGR006SR
CPU		32bit ARM9, Dual 8bit Microprocessor		
Memory	Program	128KByte Flash Memory		
	Data	256KByte Flash Memory, 4KByte SRAM		
Fingerprint User		Up to 5,000 Users		
Fingerprint Templates Size		800Bytes for 2 Fingerprint Templates		
Radio Frequency (RF)		125KHz IDTECK Secure & Credential Fomat	125KHz EM(ASK)	13.56MHz
Read Range (Compatible Card Type)		IDC80/IDC170: Up to 4 Inch (10cm) IDK50: Up to 2 Inch (5cm)	IPC80/IPC170: Up to 4 Inch (10cm) IPK125: Up to 2 Inch (5cm)	ISC80: Up to 4 Inch (10cm) ISK50/IMC135: Up to 2 Inch (5cm)
Reading Time (Card)		30ms		
Verification Time		Less than 1 sec.		
Identification Time		Less than 2 sec.		
Fake Fingerprint Detection		Auto on Function & LIVE Fingerprint Detection		
Power / Current		DC +12V / Max.350mA		
Reader Data Output Format		26Bit Wiegand (Controller ↔ Reader)		34Bit Wiegand (Controller ↔ Reader)
Communication		RS232, RS485 (Max. 32ch), TCP/IP (Required External TCP/IP Converter) / for Fingerprint Template Upload & Download (Software ↔ Reader)		
Communication Speed	TCP/IP	10/100 Mbps		
	Serial	9,600bps (default) / 4,800bps / 19,200bps / 38,400bps (selectable)		
Input Port		2EA : External LED Control, External Buzzer Control		
Output Port		3EA : Error-Output , OK-Output, Temper-Output (Open Collector Output)		
Tamper Switch		1 EA		
LED / Buzzer		3 Array LED Indicators / Piezo Buzzer		
Operating Temperature		Fingerprint Module: -20°C ~ +60°C (-4°F ~ 140°F) RF Reader: -35°C ~ +65°C (-31°F ~ +149°F)		
Operating Humidity		10% ~ 90% Relative Humidity, Non - Condensing		
Color / Material		Dark gray / Polycarbonate		
Dimension (W x H x T) / Weight		66 x 129 x 52mm (2.6" x 5.1" x 2") / 259.5g (0.57lbs)		
Certification		FCC, CE, KCC, RoHs		

Fingerprint Module Specification

Sensing Type	High Quality Optical Sensing
Sensing Area	13.2 x 15.2 mm
Image Resolution	500 DPI
Image Size	248 x 292 pixels
FRR	0.1%
FAR	0.001%

Inch(mm)



High Compatibility Fingerprint Reader (Fingerprint / RFID / RFID + Fingerprint) FGR006/IP-FGR006/FGR006SR



IDTECK CO., Ltd.

3F, Ace Techno Tower Bldg, 468, Gangseo-Ro, Gangseo-gu, Seoul, 07573, Korea
Tel. +82-2-2659-0055 | Fax: +82-2-2659-0086
Email: saleswebk@idteck.com | Website: www.idteck.com

IDTECK Global Inc.

1555 W. Redondo Beach Blvd #100, Gardena, CA 90247, USA
Tel. +1-310-819-8115
Email: sales@idteckglobal.com | Website: www.idteckglobal.com

The specifications contained in this catalog are subject to change without notice at any time. Copyright © IDTECK Co., Ltd.

IDTECK
Your Security Partner
SINCE 1989