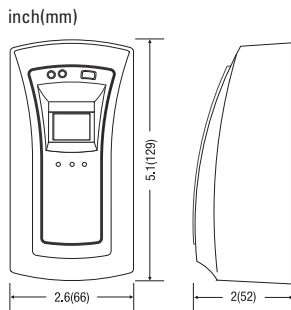


ASK [EM] Format Fingerprint Identification Proximity Reader

IP-FGR006



IP-FGR006



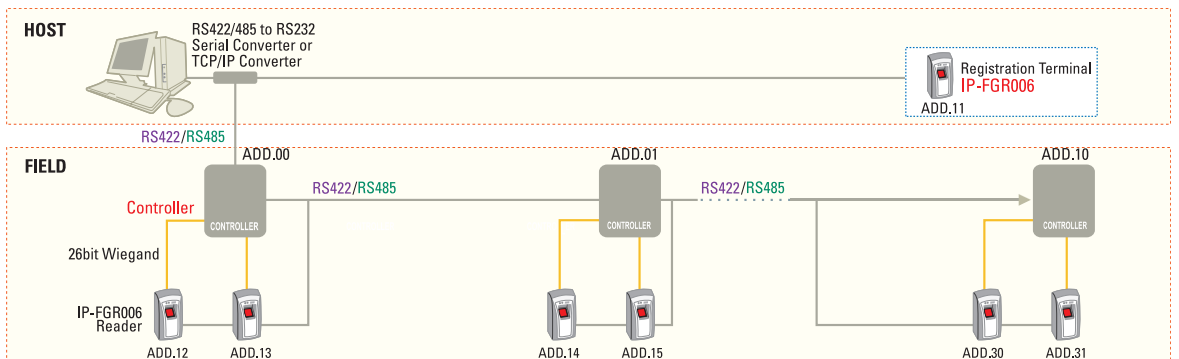
KEY Features

- 1:1 Verification and 1: N Identification
- Identification Method: by Auto Touch Sensor (optional) : IP-FGR006A
- 125KHz Proximity and Fingerprint Recognition
- ASK [EM] Format
- 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)
- 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
FINGERPRINT ENROLLMENT PRO 2006
- Compatible Controller: iCON100, iTDC, Third Party Controller
ASK[EM] Format Standalone Controller

Comparison Table

IP-FGR006	Built-in 125KHz (4") Proximity Reader RF only / Fingerprint only / RF + Fingerprint
IP-FGR006A	IP-FGR006 including Auto Touch Sensor for Identification

Connect IDTECK Controller 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		IP-FGR006	
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 ROM
		Data Memory	256KByte Flash Memory
Fingerprints User		1,000 / 2,000 / 4,000 Fingerprint Users	
Fingerprint Templates Size		800 Bytes for 2 Fingerprint Templates	
Read Range		IPK50: Up to 2 inch (5cm) IPC80 / IPC170: Up to 4 inch (10cm)	
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		26bit Wiegand (default), ABA Track II (optional)	
LED Indicator		3 Array LED Indicators (Red and Green)	
Beeper		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 (0.57lbs)	
Certification		FCC, CE, MIC, RoHS	

Connect Third Party Controller with Fingerprint Reader

