

# 125KHz/13.56MHz Fingerprint Identification(Proximity / PIN) Reader

- FINGER006 : 125KHz(PSK Format/IDC Type) Proximity RF Card or PIN / Password / Fingerprint Recognition
- IP-FINGER006 : 125KHz(ASK [EM]Format) Proximity RF Card or PIN / Password / Fingerprint Recognition
- FINGER006SR : 13.56MHz(MIFARE, ISO14443 Type A Compatible) SMART Card or PIN / Password / Fingerprint Recognition
- FINGER006SRB : Fingerprint Stored 13.56MHz MIFARE SMART Card or PIN / Password / Fingerprint Recognition



## System Features

- Identification Method : RF, Fingerprint, RF(PIN)+Fingerprint, RF(PIN)+PW+Fingerprint
- Firmware Upgrade via Remote Control
- Designed to Withstand ESD (Electro Static Discharge) Shock
- Tamper Switch (2 EA)
- Time Display on LCD
- Reverse Polarity Protection

### \* FINGER006SRB

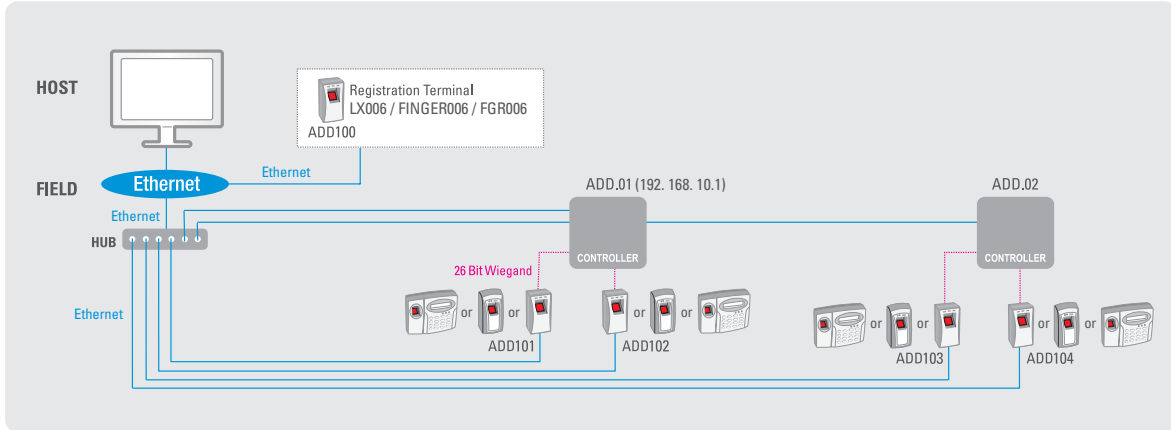
- Identifies Card that has been Issued by PRG2000B Card Programmer (ID and Fingerprint Template Encrypted into Smart Card)
- Maintains High Security as the Card cannot be Duplicated without Data Sector and Secure Key Information
- Protects User Privacy as Encrypted Fingerprint Information is Stored in User's Card (Fingerprint Information is not Stored in the Device or Database)



Model	FINGER006/IP-FINGER006	FINGER006SR	FINGER006SRB
CPU	32 Bit ARM9, Dual 8 Bit Microprocessor		
Memory	Fingerprint	Program	1M Byte Flash Memory
	Module	Data	1M Byte / 2M Byte / 4M Byte Flash Memory
	Controller	Program	128K Byte Flash Memory
		Data	1M Byte Flash Memory
Fingerprint User	1,000 / 2,000 / 4,000		Unlimited Fingerprint Users(Depending on the Registered ID Numbers of the Controller)
Fingerprint Template Size	800 Byte for 2 Fingerprints	400 Byte for 1 Fingerprint	
Reading Range	*FINGER006 : IDC80/ IDC170:Up to 10cm *IP-FINGER006:IPC80/IPC170 : Up to 10cm	IHC80 :Up to 5cm ISC80 :Up to 10cm	Recognizes Cards Issued by PRG2000B
Card Reading Time	30ms		
1:1 Verification/1:N Identification Time	Less than 1 Sec. / Less than 2 Sec.		
Power / Current	DC12V / Max 300mA		
Communication	RS232/RS422(Max. 32ch) Ethernet (Internal Module or External Converter Required / Optional)		
Communication Speed	Serial	9,600bps(Default)/4,800bps/19,200bps/38,400bps/57,600bps/115,200bps(Selectable)	
	Ethernet	10/100Mbps	
Input Port	2 EA : Error-Input, OK-Input		
Output Port	3 EA : Error-Output, OK-Output, Tamper-Output (Open Collector)		
Output Type	26 Bit Wiegand (Default), ABA Track II (Selectable)		34 Bit Wiegand(Default), ABA Track III(Selectable)
	26 Bit Wiegand		
LED Display / Buzzer	7 LED Indicators / Piezo Buzzer		
LCD	Character LCD (2 Lines x 16 Char.) / 2.62" x 0.55" (65.6 x 13.8mm) Screen		
Keypad	16 Numeric Keypad with Back Lighting (Including Function Keys)		
Operating Temperature	Fingerprint Module/LCD	-20° ~ + 60°C / 0° ~ + 50°C	
	RF Reader	-35° ~ + 65°C	
Operating Humidity	10% ~ 90% Relative Humidity Non-Condensing		
Color / Material	Dark Pearl Gary / Polycarbonate		
Dimension (W x H x T) / Weight	161.5 x 134 x 48.5mm / 547g		
Certification	FCC, CE, KCC, RoHS		
<b>Fingerprint Module Specification</b>			
Resolution	500dpi		
Capture Image Size/Extract Image Size	640 x 480 pixels / 260 x 300 pixels		
Sensor Area / Scanner	15 x 18.5 mm / High Quality Optical Sensor		
FAR(False Acceptance Ratio)/FRR(False Reject Ratio)	0.001% / 0.1%		
ESD Tolerance	±8 KV		

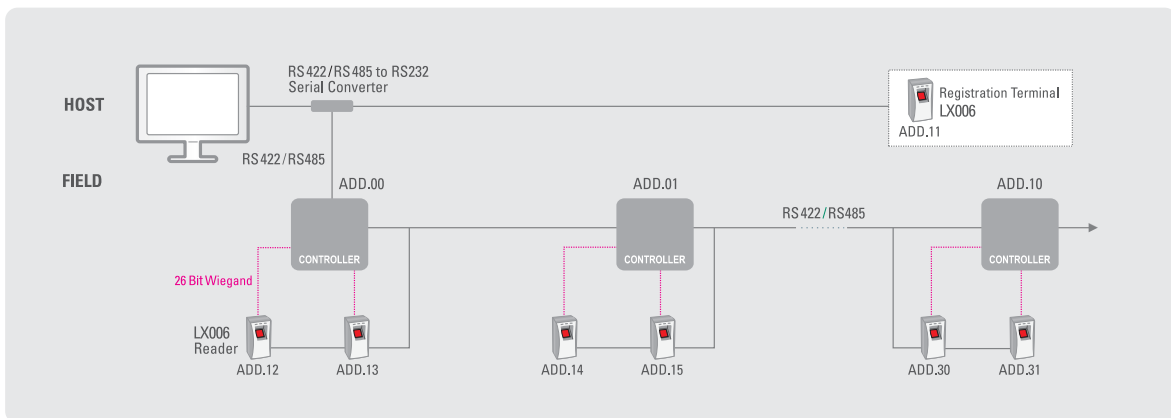
## LX006 / FINGER006 / FGR006 Series

- Ethernet Communication

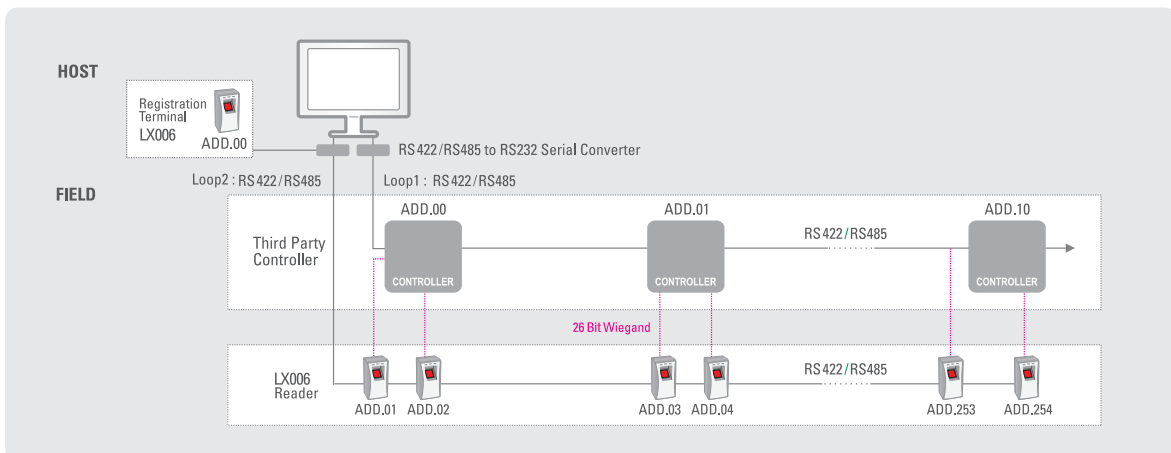


## LX006 Series

- Connect IDTECK Controller with Fingerprint Reader (Serial Communication)

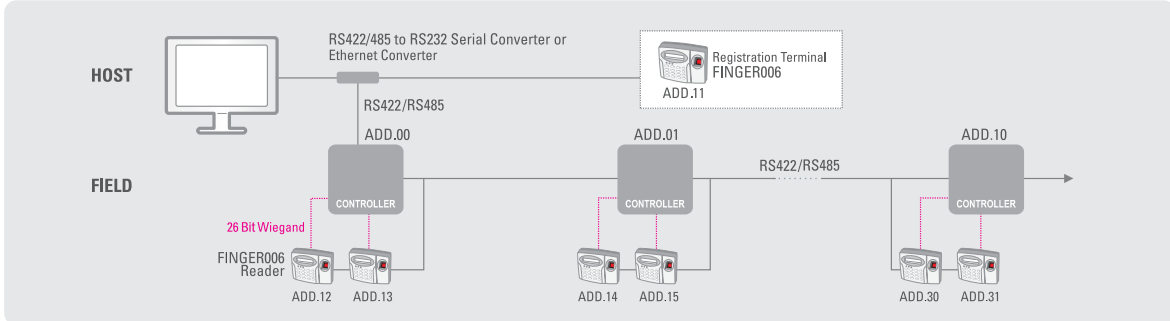


- Connect Third Party Controller with Fingerprint Reader (Serial Communication)

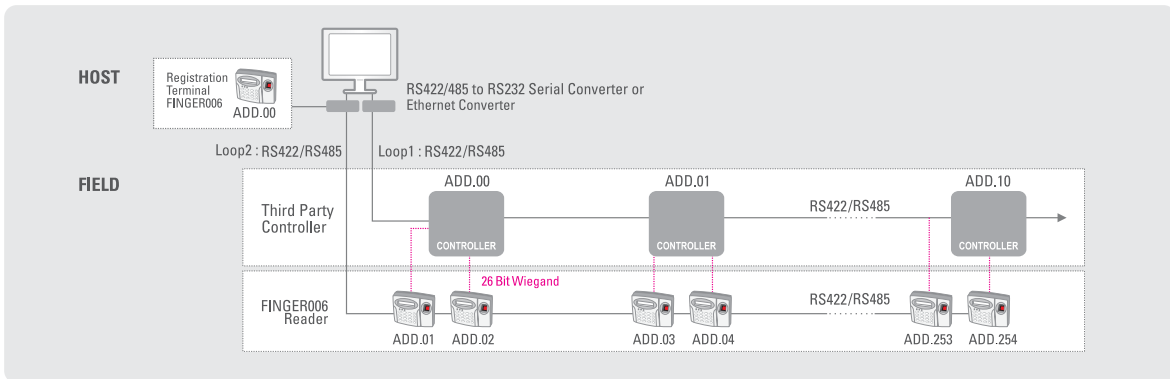


### FINGER006 Series

- Connect IDTECK Controller with Fingerprint Reader (Serial Communication)

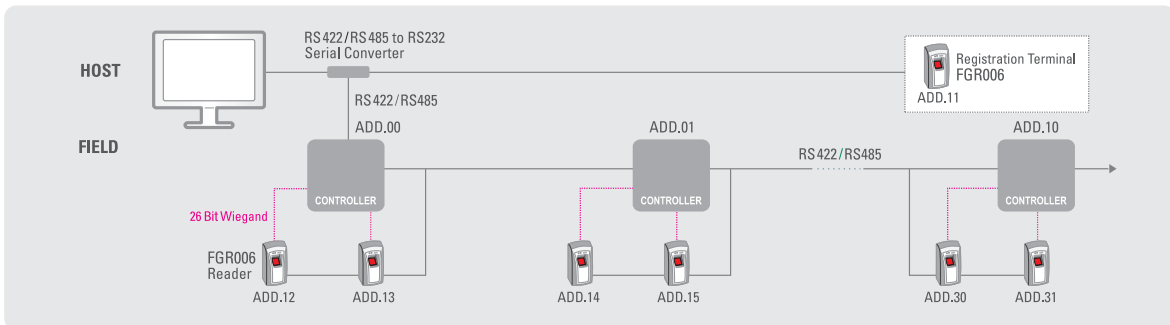


- Connect Third Party Controller with Fingerprint Reader (Serial Communication)



### FGR006 Series

- Connect IDTECK Controller with Fingerprint Reader (Serial Communication)



- Connect Third Party Controller with Fingerprint Reader (Serial Communication)

