

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



- Operation Mode [RF, Fingerprint, RF + Fingerprint] Switches Over Automatically According to the Time Schedule Configured on the Controller
- 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) / 34Bit Wiegand(LX006SR)



LX006 LX006SR

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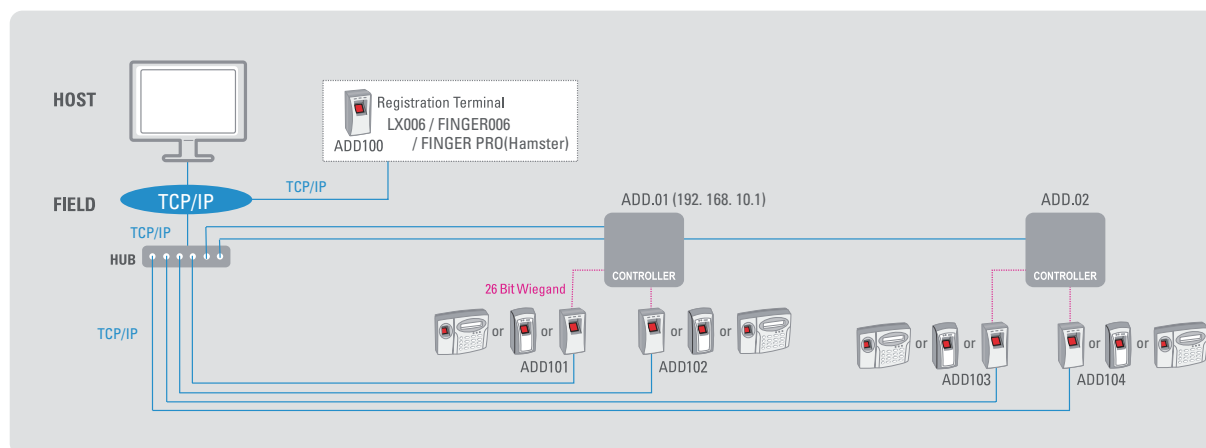
High Compatibility IP Based Fingerprint Reader (Fingerprint / RFID) **LX006/LX006SR**

Key Features

- LX006 : 125KHz IDTECK Secure & Credential Format (IDC) Proximity and Fingerprint Reader
LX006SR : 13.56MHz Contactless Smart Card Reader(ISO14443 Type A) and Fingerprint Reader
- Identification Mode: RF Card, Fingerprint, RF Card+Fingerprint
- Operation Mode (RF Card, Fingerprint, RF Card+Fingerprint) Switches Over Automatically According to the Time Schedule Configured on the Controller
- Fingerprint Registration: Up to 5,000 Users
- ID Card Users : Up to 10,000 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
- Communication : TCP/IP, RS485, RS232 (for Fingerprint Template Upload/Download)
- Read Output Format : 26Bit Wiegand(LX006) / 34Bit Wiegand(LX006SR)
- 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



High Compatibility IP Based Fingerprint Reader (Fingerprint / RFID) LX006/LX006SR



Specifications

Model		LX006	LX006SR
CPU		Cortex-A5 528MHz, Dual 8bit Microprocessor	
Memory	Program	128KByte Flash Memory	
	Data	256Kbyte Flash Memory / 32KByte SRAM	
Fingerprint User		Up to 5,000 Users	
Card ID User		10,000 Users (Including Fingerprinting Registration)	
Radio Frequency (RF)		125KHz IDTECK Secure & Credential Format	13.56MHz
Read Range (Compatible Card Type)		IDC80/IDC170: Up to 4 Inch (10cm) IMC125: Up to 2 Inch (5cm)	ISC80/ISK50: Up to 4 Inch (10cm) 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		TCP/IP, RS232, RS485 (Max. 32ch) / for Fingerprint Template Upload & Download (Software ↔ Reader)	
Communication Speed	TCP/IP	10/100 Mbps	
	Serial	57,600 bps (Default) / 9,600 bps / 19,200 bps / 38,400 bps / 115,200 bps (Selectable)	
Input Port		3 EA: LED / Buzzer / Operation Mode Control	
Output Port		3 EA: Error-Output, OK-Output, Tamper-Output (Open Collector)	
Tamper Switch		1 EA	
LED / Buzzer		3 Array LED Indicators (Red / Green / Yellow) / 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		Black / Polycarbonate & ABS	
Dimension (W x H x T) / Weight		69 x 127 x 43mm (2.71" x 5" x 1.69") / 230g	
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)

