

IDTECK 13.56MHz Secure and Credential Format IP Based Fingerprint Reader (Fingerprint/Smart Card/Smart Card + Fingerprint)



- Highly Secured Digital Encryption Contactless Smart Card Reader & Fingerprint Reader
- Operation Mode [RF, Fingerprint, RF + Fingerprint] Switches Over Automatically According to the Time Schedule Configured on the Controller
- Communication : TCP/IP, RS485, RS232
- 34 Bit Wiegand Reader Data Output



LX006SRS

**Secure & Credential Smart Card
& Fingerprint Reader**

- Easy Fingerprint Enrollment
- High Compatibility

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IDTECK 13.56MHz Secure and Credential Format IP Based Fingerprint Reader (Fingerprint / Smart Card) **LX006SRS**



Key Features

- **Highly Secured Digital Encryption Contactless Smart Card Reader & Fingerprint Reader**
- Identification Mode: Smart Card, Fingerprint, Smart Card+Fingerprint
- **Operation Mode (Smart Card, Fingerprint, Smart 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 : 34Bit Wiegand
- 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)



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Specifications

Model	LX006SRS	
CPU	32bit ARM9, 8bit and 16bit Micriprocessor	
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)	13,56MHz	
Read Range (Compatible Card Type)	ISC80S/ISK50S: Up to 4 Inch (10cm) IMC135S: 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.310mA	
Reader Data Output Format	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) / DC12V~18V, Rating Max.2A	
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)

