



IDTECK 13.56MHz Secure and Credential Format IP Based Smart Card & Fingerprint Time & Attendance / Access Controller

- Highly Secured Digital Encryption Contactless Smart Card & Fingerprint
- Fake Fingerprint Detection : Auto on Function & LIVE Fingerprint Detection
- 12 Function Keys for Various Professional Time & Attendance Applications (Shift Management, Overtime, Breaktime, etc.)
- User's Name and Function Key Definition Display
- User / Event Buffers Up to 20,000 Users / Up to 20,000 Events



LX007SRS

**Secure & Credential
Smart Card & Fingerprint
Time & Attendance / Access Controller**



Fingerprint
Recognition



RFID Reader
& Card



Access
Controller

IDTECK
Your Security Partner
SINCE 1989

IDTECK 13.56MHz Secure and Credential Format IP Based Smart Card & Fingerprint Time & Attendance / Access Controller **LX007SRS**



Key Features

- Highly Secured Digital Encryption Contactless Smart Card & Fingerprint Time & Attendance / Access Controller
 - Standalone Device with Internally Embedded Controller
 - Standalone Operation without PC/Server Connection
 - Graphic LCD Applied for Multi-Language Display and Voice Guide in Various Languages
 - Able to check stored event list through the LCD display
 - 12 Function Keys for Various Professional Time & Attendance Applications (Shift Management, Overtime, Breaktime, etc.)
 - User's Name and Function Key Definition Display
 - Communication : TCP/IP, RS485, RS232
 - User / Event Buffers Up to 20,000 Users / Up to 20,000 Events
 - Able to Scan Fingerprint from Any Angle
 - Fake Fingerprint Detection : Auto on Function & LIVE Fingerprint Detection
 - Automatic System Reset via Self-Diagnosis (Watchdog Function)
 - Anti-Passback Function / Duress Mode / 2 Men-Operation Function
 - Arm/Disarm Function
 - Alerts when Door Opening Time Exceeds and Forced Door Open
 - Serial Printer Port for Issuing Event Ticket (Optional)
 - Advanced Security Time Schedule Configuration
 - Configurable Setting per ID (Time Schedule, Card Usage (Authentication Mode), Expiration Date, Accessible Reader, Door Opening Time, etc.)
 - Allows Registration of 10 Administrators using Fingerprints
 - 3-State Supervised Input (On/Off/Cut)
 - Designed to Withstand ESD (Electro Static Discharge) Shock
 - Output Format : 34 Bit Wiegand
 - Operation Mode : RF Card(PIN/Fingerprint), RF Card(PIN)+Password/Fingerprint, RF Card(PIN)+Password+Fingerprint
 - Compatible Software : IDTECK Standard Series, IDTECK Time Pro, IDTECK MOBILE 3S, IDTECK Enterprise TA Series
 - Compatible Smart Card : ISC80S, ISK50S, IMC135S
 - Compatible RFID Readers: SR10S, SR10SE, SR30S, SRK101S, SR10VS, SR30VS, SRK101VS
 - Standalone Controller (Fingerprint/ RFID) : XO100SRS, LX007SRS, LX505SRS
 - Compatible Fingerprint Reader : LX006SRS, FINGER006SRS
- * SRS Series products developed and manufactured by IDTECK are only compatible with SRS Series products



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Specifications

Model		LX007SRS
CPU		Dual 8bit and 16bit Microprocessor
Memory	Program	256KByte ROM
	Data	512KByte Flash Memory
Fingerprint User		Up to 5,000 Users
ID User		Up to 20,000 Users (Including Fingerprint Registration)
Event Buffer		Up to 20,000 Events
Radio Frequency (RF)		13.56MHz
Read Range (Compatible Card Type)		ISC80S : Up to 4 Inch (10cm) ISK50S / 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. 650mA
External Reader Port		1 EA : 34bit Wiegand (for Anti-Passback), 4/8bit Burst for PIN
Communication		TCP/IP, RS232, RS485 (Max. 32ch)
Communication Speed	TCP/IP	10/100 Mbps
	Serial	57,600 bps (Default) / 9,600 bps / 19,200 bps / 38,400 bps (Selectable)
Input Port		4 EA: Exit Button, Door Sensor, AUX#1, AUX#2
Output Port		2 EA: 2 FORM-C Relay Output (COM, NO, NC) / DC 12V-18V, Rating Max. 2A 2 EA: TTL Output / DC5V, Rating Max. 20mA Can be used in 34 Bit Wiegand, using the 2TTL Outputs
Tamper Switch		2 EA
Real Time Clock		Accurate time display with continuous time synchronization with Application S/W(PC)
LED Indicator / LCD		3 Array LED Indicators / Graphic LCD (128 x 64 dots) 72.5 x 39.5mm Screen
Language & Voice	WEST	English(Default), Italian, French, Russian, Czech
	EAST	English(Default), Chinese, Korean
	ARAB	English(Default), Arabic
Buzzer		Piezo Buzzer
Keypad		24 Key Numeric Keypad with Back Lighting (12 Function Key included)
Operating Temperature		Fingerprint Module: -15°C ~ +40°C (5°F ~ 104°F) / LCD: 0°C ~ +50°C (+32°F ~ +122°F) Controller: -15°C ~ +70°C (+5°F ~ +158°F) / RF Reader: -35°C ~ +65°C (-31°F ~ +149°F)
Operating Humidity		10% ~ 90% Relative Humidity, Non - Condensing
Color / Material		Black / Polycarbonate
Dimension (W x H x T) / Weight		192 x 160 x 45mm (7.6" x 6.3" x 1.8") / 800g(1.8 lbs)
Certification		FCC, CE, KCC, RoHS

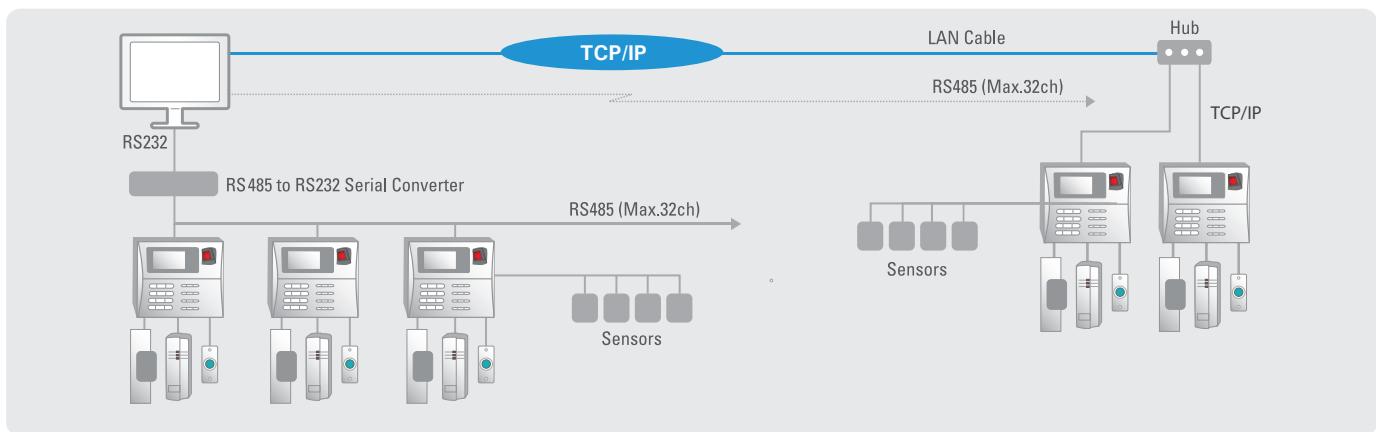
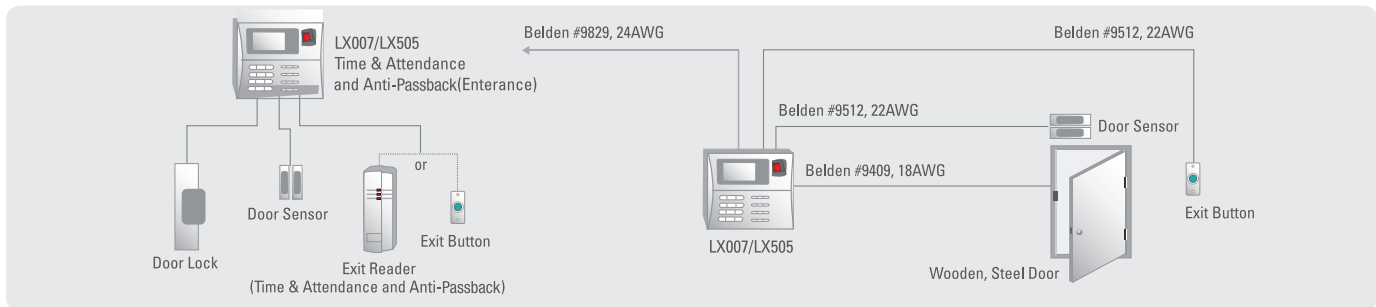
Fingerprint Module Specification


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

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Standalone Configuration





LX007

**IP Based Fingerprint Identification
(Fingerprint/RFID/PIN)
Time Attendance/Access Controller**

- ▲ Various Function Keys for Multiple Shift (Overtime, Breaktime, etc.)
- ▲ Standalone Operation without PC/Server Connection
- ▲ Configurable Authentication Mode per ID
- ▲ Communication via Ethernet, RS485, or RS232

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