

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



- Able to check stored event list through the LCD display
- 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
- Communication : Ethernet(TCP/IP), RS485, RS232
- User / Event Buffers Up to 20,000 Users / Up to 20,000 Events



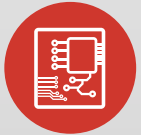
LX007 IP-LX007 LX007SR



Fingerprint
Recognition



RFID Reader
& Card



Access
Controller

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IP Based Fingerprint Identification (Fingerprint / RFID / PIN) Time & Attendance / Access Controller LX007 / IP-LX007 / LX007SR



Key Features

- Professional 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 : Ethernet(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 : LX007 Series may function as a Standalone Controller as well as a Reader
 - LX007 / IP-LX007 : 26 Bit Wiegand
 - LX007SR : 34 Bit Wiegand
- Operation Mode : RF Card(PIN/Fingerprint), RF Card(PIN)+Password/Fingerprint, RF Card(PIN)+Password+Fingerprint
- Compatible Software : IDTECK STANDARD Series, TIME PRO, TIME BASIC, IDTECK ENTERPRISE TA Series
- LX007: 125KHz (IDTECK Credential Format/IDC Type)
- IP-LX007: 125KHz (ASK [EM]Format)
- LX007SR: 13.56MHz (ISO14443 Type A, B, MIFARE Classic, MIFARE Plus, MIFARE Desfire, MIFARE Ultra light)
Identifies UID/CSN Read only 4 Byte (Optional 7 Byte)

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Specifications

Model	LX007		IP-LX007	LX007SR
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)	125KHz IDTECK Secure & Credential Fomat	125KHz EM(ASK)	13.56MHz	
Read Range (Compatible Card Type)	IDC80/IDC170: Up to 4 Inch (10cm)	IPC80/IPC170: Up to 4 Inch (10cm)	ISC80: Up to 10cm / IHC80: Up to 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 : 26bit Wiegand (for Anti-Passback), 4/8bit Burst for PIN		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 26 Bit Wiegand, using the 2TTL Outputs		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			

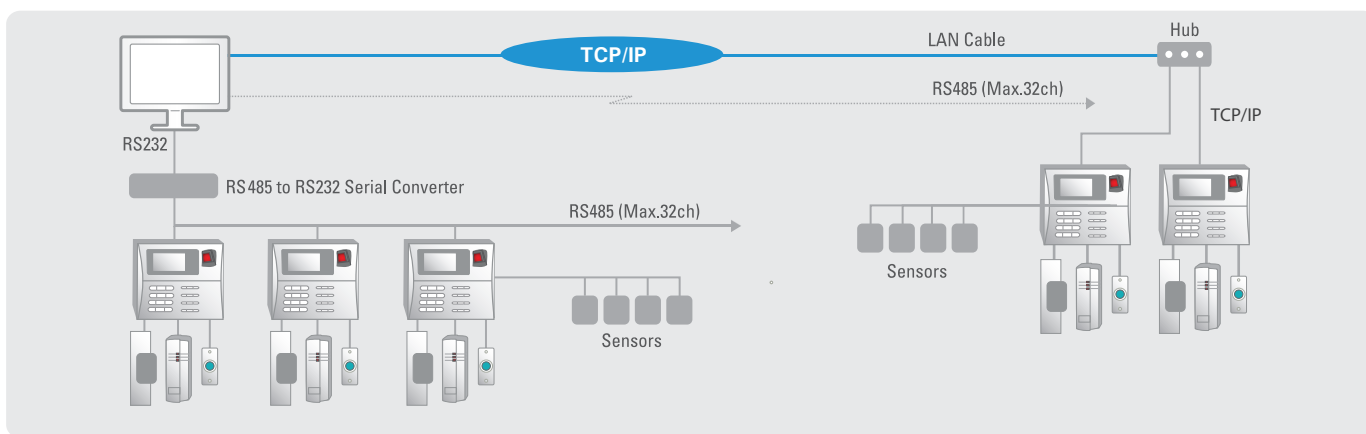
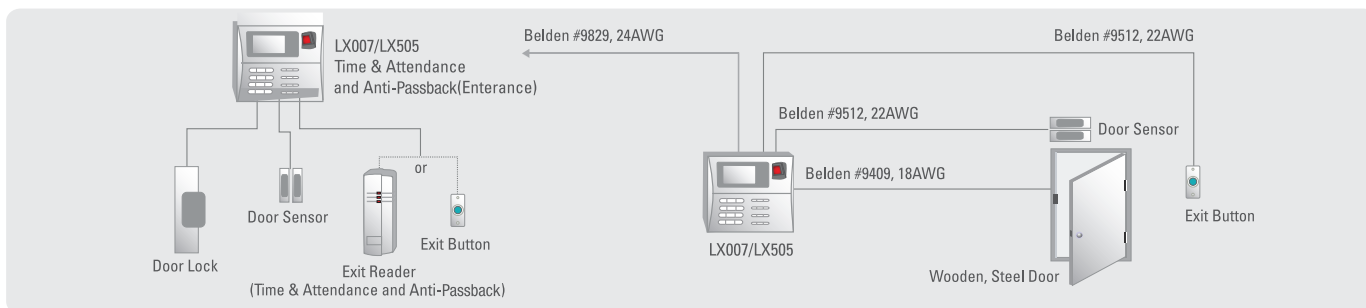
Fingerprint Module Specification


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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