

Fingerprint Identification Standalone Controller

- Fingerprint Identification without using Cards or Keypads
- ID Registration up to 50,000 Users / Event view to 50,000 Events
- Built-in Encrypted PSK 125KHz (FINGER007) / 13.56MHz (FINGER007SR)
- Communication: RS232, RS422, Ethernet(Optional)



FINGER007 Series

Multi-Layered Security
Fingerprint Identification
Time & Attendance /
Access Controller

Fingerprint Standalone Controller (Fingerprint / PIN / RFID)

FINGER007 Series



Key Features

- Professional Time & Attendance / Access Controller
- Standalone Operation without PC / Server Connection
- Built in Encrypted 125 KHz Reader (FINGER007), 13.56 MHz Reader (FINGER007SR)
- Fingerprint Registration: 1,000 / 2,000 / 4,000 Users
- User IDs Registration / Event Buffer: Up to 50,000 / Up to 50,000
- Anti-Passback / Duress Mode Function
- Time Schedule Setting
- Alerts when Door Open Time Exceeds and Forced Door Open
- 3-Status Input Check (On / Off / Cut)
- Various Communication Methods: RS232, RS422, Ethernet (Optional)
- Time Display on LCD
- Supports 26 / 34 Bit Wiegand Output Port (Option to use as Reader)
- Compatible Software: IDTECK STANDARD
IDTECK TIME PRO

* FINGER007SRB

- 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)

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- **FINGER007**: 125KHz (PSK Format / IDC Type): RF(PIN) or RF(PIN) + Password
 - **IP-FINGER007**: 125KHz (ASK[EM] Format): RF(PIN) or RF(PIN) + Password
 - **FINGER007SR**: 13.56MHz (MIFARE[®], ISO14443 Type A) SMART Card (PIN) or SMART Card (PIN) + Password
 - **FINGER007SRS**: 13.56MHz SMART Card Reader (IDTECK Credential Format)
 - **FINGER007SRB**: Encrypted Fingerprint Information is Stored in User's SMART Card (Card Registered with PRG2000B Programmer Kit)

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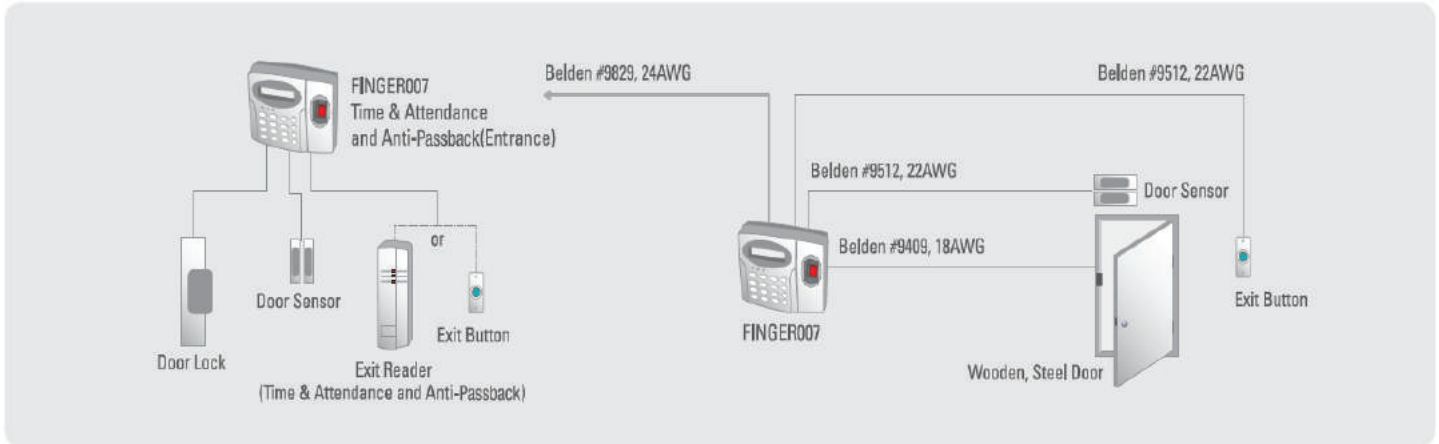


| Specifications | | FINGER007 / IP-FINGER007 | FINGER007SR | FINGER007SRB |
|---|--------------------|---|---|---|
| Model | | FINGER007 / IP-FINGER007 | FINGER007SR | FINGER007SRB |
| CPU | | 32 Bit ARM9 and Dual 8Bit Microprocessor | | |
| Memory | Fingerprint Module | Program Memory: 1MByte Flash Memory Data Memory: 1MByte / 2MByte / 4MByte Flash Memory | | |
| | Controller | Program Memory: 128KByte Flash Memory Data Memory: 1MByte Flash Memory | | |
| Fingerprint User | | 1,000 / 2,000 / 4,000 Users | | |
| ID User | | 10,000 ~ 50,000 Users (Including Fingerprint Registration) | Unlimited Fingerprint Users (Dependent on # of IDs registerable to Controller) | |
| Event Buffer | | 10,000 ~ 50,000 Events (Selectable) | | |
| Fingerprint Template Size | | 800Bytes for 2 Fingerprint Templates | | |
| Read Range | | FINGER007: IDC80 / IDC170: Up to 4 Inch (10cm) IP-FINGER007: IPC80 / IPC170: Up to 4 Inch (10cm) | ISC80: Up to 10cm IHC80: Up to 5cm | Recognizes Cards Issued by PRG2000B |
| Reading Time (Card) | | 30ms | | |
| Verification Time | | Less than 1 sec | | |
| Identification Time | | Less than 2 sec | | |
| Power / Current | | DC 12V / Max. 300mA | | |
| External Reader Port | | 1 EA: 26bit Wiegand, 4/8bit Burst for PIN for Anti-Passback | 1 EA: 34bit Wiegand, 4/8bit Burst for PIN for Anti-Passback | 1 EA: 26bit Wiegand, 4/8bit Burst for PIN for Anti-Passback |
| Communication | | RS232 / RS422 (Max.32ch), Ethernet (External Converter Required / Optional) | | |
| Communication Speed | Serial | Default: 9,600bps Selectable: 19,200bps / 38,400bps / 57,600bps / 115,200bps | | |
| | Ethernet | 10 / 100Mbps | | |
| Input Port | | 4 EA: Exit Button, Door Sensor, Aux#1, Aux#2 | | |
| Output Port | | 2 EA: 2 FORM-C Relay Output (COM, NO, NC) / DC12V~18V, Rating Max. 2A | | |
| | | 2 EA: TTL Output / DC5V, Rating Max. 20mA (Can be used in 26Bit Wiegand, using the 2TTL Outputs) | 2 EA: TTL Output / DC5V, Rating Max. 20mA (Can be used in 34Bit Wiegand, using the 2TTL Outputs) | 2 EA: TTL Output / DC5V, Rating Max. 20mA (Can be used in 26Bit Wiegand, using the 2TTL Outputs) |
| LED Indicator | | 7 LED Indicators | | |
| Buzzer | | Piezo Buzzer | | |
| LCD | | Character LCD (2 Lines x 16 Char) 65.6 x 13.8mm (2.62" x 0.55") Screen | | |
| Operating Temperature | | Fingerprint Module LCD: -15°C ~ +40°C | Controller/RF Reader: -15°C ~ +70°C | |
| Operating Humidity | | 10% ~ 90% Relative Humidity, Non - Condensing | | |
| Color / Material | | Black / Polycarbonate | | |
| Dimension (W x H x T) | | 161.5 x 134 x 48.5mm (6.4" x 5.3" x 1.9") | | |
| Weight | | 525g (1.2 lbs) | | |
| Certification | | FCC, CE, KCC, RoHs | | |
| Fingerprint Module Specifications | | | | |
| Resolution / Capture Image Size / Extract Image Size | | 500 dpi / 640 x 480 pixels / 260 x 300 pixels | | |
| Sensor Area / Scanner | | 15 x 18.5mm / High Quality Optical Scanner | | |
| FAR / FRR / ESD Tolerance | | 0.001% / 0.1% / ±8 KV | | |
| Time Schedule | | | | |
| Time Code | 10 | Holiday Code | 10 | |
| Time Interval | 5 | Holiday | 100 | |

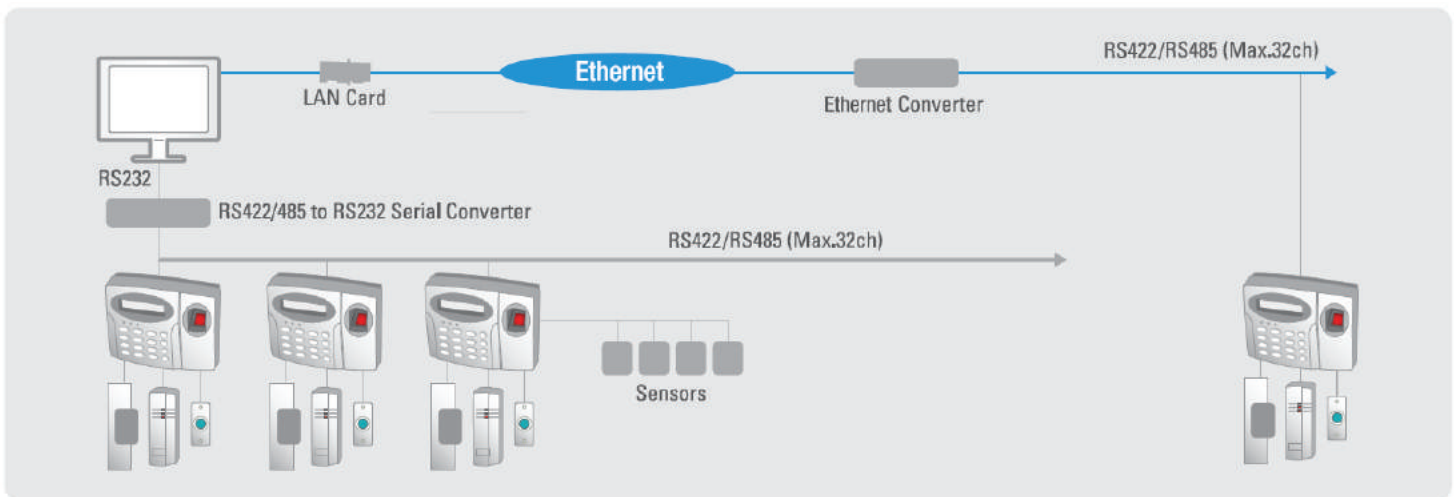
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FINGER007 Series

Standalone Configuration



Network Configuration



Headquarters: IDTECK CO., Ltd.

5F, Ace Techno Tower Bldg, 468, Gangseo-Ro, Gangseo-gu, Seoul, 07573, Korea
Tel. +82-2-2659-0055 | Fax: +82-2-2659-0086
Email: local@idteck.com | overseas@idteck.com | Website: www.idteck.com

North America: IDTECK Global Inc.

1555 W. Redondo Beach Blvd #100 Gardena, CA 90247
Tel. +1-310-819-8115
Email: sales@idteckglobal.com | Website: www.idteckglobal.com

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