

Fingerprint & Proximity Time & Attendance Access Controller



FINGER007 FINGER007P



Key Features

- Dual function for Access Control and Time & Attendance
- 1000 Fingerprints holders / 26,000 Event buffers (2,000 / 4,000 Fingerprints optional)
- 1:1 Authentication and 1:many Identification
- Standalone/Network communication via RS232/RS422 (max. 32ch), TCP/IP available with LAN Converter
- Dual Fingerprint Registration
- 1:many Identification up to 4,000, 2-fingerprints records
 - By Key Entry (Default)
 - By Touch Sensor (Optional)
- Independent 4 inputs /4 output including 2 FORM-C Relay outputs
- External reader port for anti-pass back operation
- Dual Tamper switches
- High Protection from Scratch and ESD (Electro Static Discharge)
- High Quality Optical Sensor

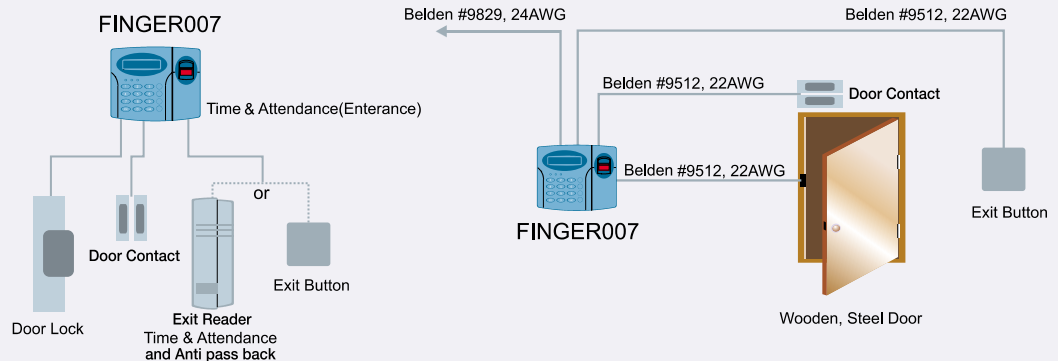
Comparison Table

FINGER007	Dual function for access control and time & attendance. Built in 125KHz RF reader(10cm) back lighting on keypad . RF Only / RF+Fingerprint / RF+PW (4 digit)+Fingerprint.
FINGER007P	Dual function for access control and time & attendance. PIN(4~8 digit)+Fingerprint.

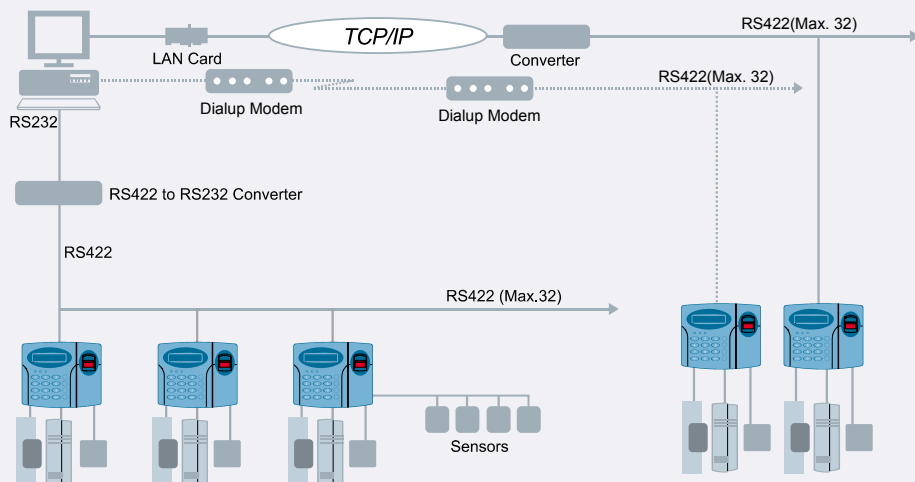
Memory Capacities

- Time Code : 10
- Time Interval : 5
- Holiday Code : 10
- Holiday : 32

Standalone Configuration



Network Configuration





Specifications

CPU		32bit ARM9 and Dual 8bit Microprocessor
Memory	Finger Module	Program Memory: 128KByte Flash Data Memory: 128KByte/256KByte/512KByte Flash Memory
	Controller	Program Memory: 64 KByte Flash Data Memory: 512KByte SRAM(Battery back up)
Read Range		IDK50 : 2 inch (5cm), IMC125 : 2 inch (5cm), IDC170 : 4 inch (10cm), IDC80 : 4 inch (10cm), IDA150 : 12 inch (30cm), IDA200 : 15 inch (40cm)
Fingerprint Users / Event Buffers		1,000/2,000/4,000 Fingerprint Templates/26,000 event buffers
Template Size		800Bytes for Dual Fingerprint Template
Reading Time / Verification time		Card(30ms), Fingerprint (less than 1 sec., 2 sec. for Identification)
RF Reader		Built-in 4"125 KHz RF reader(10Cm)
External Reader Port		1 Reader port (26bit Wiegand, 8bit Burst) for anti-pass back
Input/Output Ports		Input: 4 (Isolation)
		Output: 2 Form-C Relay(COM, NO, NC) Rating Max. 2A, 2 TTL Outputs
LCD Display		1 x LCD Module, 2 lines x 16ch, 65.5mm x 13.8mm screen
Keypad		16 key numeric keypad with back lighting
Communications		RS232/RS422(Up to 32 ch.), TCP/IP available with LAN converter
		Baud Rate : 4800bps, 9600bps (Default), 19200bps and 38400bps Software programmable
LED Indicator/Beeper		3 LED (Red/Green/Yellow), Piezo buzzer
Power		DC12V, Max. 300mA
Operation Environment		LCD : 0°C~ +50°C, 10% ~90% RH(Non-Condensing)
		Fingerprint module & Controller : -15°C~ +40°C, 10% ~90% RH(Non-Condensing)
		RF-Reader : -35°C~ +65°C, 10% ~90% RH(Non-Condensing)
Color / Weight		Dark pearl gray / 547g (1.20 lbs)

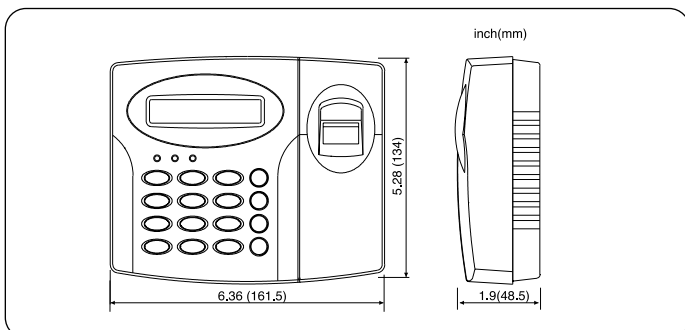
Time & Attendance Pack

Contents of Finger007TA Pack

- Finger007 - 1 ea
- Power Adapter (AC110V~220V, Output DC12V, 1A)
- Cable - 1 ea
- Card (IDC80) - 50 ea
- Time & Attendance Application S/W CD - 1 ea
- Software manual - 1 ea



Dimensions



Finger Module Specifications

Resolution	500dpi
Capture Image Size	356 x 292 pixels
Display Image Size	248 x 292 pixels
Extraction Image Size	248 x 292 pixels
Sensing Area	12.7 x 14.9 mm
Scanner	High Quality Optical Sensor
FAR (False Acceptance Ratio)	0.001%
FRR (False Reject Ratio)	0.1%
ESD (Electro Static Discharge)	15kV
Verification Time	< 1 sec
Identification Time	< 3 sec

Ordering Information

Part number	Description
Finger007	Finger007 access controller (1,000 users), Built in RF reader
Finger007P	Finger007 access controller (1,000 users), PIN+Finger operation

To the part number, add the suffix "-2" for 2,000 users and "-4" for 4,000 users.