

HTA-870PEF/PMF

Fingerprint Time & Attendance Recorder

Features

- Casing tamper proof detection.
- Provide simple access control function.
- Able view the duty work records on the screen.
- Slim, stylish design, sensitive touch keypad with blue backlight.
- Extra serial printer port and LED display for real time data output and examination.
- Memory buffer full warning. When memory capacity reaches 90%, it will send an alarm to remind the system administrator for data collection.
- Large LCD display time, date, duty shift and company name. And show cardholder Chinese / English name or card number after verification.
- The standard model can access 950 users with 2 fingerprint templates per each user (total 1,900 fingerprint templates). The storage event record is up to 150,000 events.
- The advanced model can access 4750 users with 2 fingerprint templates per each user (total 9,500 fingerprint templates).
- Quick and accurate fingerprint verification, supports 1:1 authentication & 1:N identification. And audible voice prompts guiding users during verification process.
- High security, using encryption with random code to saving fingerprint characteristic base on the setting.
- Provide 32 working shift and 32 siren schedules. Able display current shift and active alarm.
- Provide RS-485 & TCP/IP communication interface to PC.
- Unique ID or Block read format supported and programmable key value. (HTA-870PMF)
- RTC ensures to provide correct date and time. Watchdog function secures system free from halting.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage.
- Conforms to ISO 14443A standard; supporting Mifare card. (HTA-870PMF)



Ordering Information

Package Content:

- HTA-870 x 1
- Plate x 1
- Quick Start Guide x 1
- Accessory Pack x 1

Supported Software:

- HAMS Management System

Optional Accessories:

- AC-DC Adapter
- PSU-330 Uninterrupted Power Supply
- ACU-30 slave controller

Specifications

| Model No. | HTA-870PEF | HTA-870PMF |
|------------------------|----------------------------------------------------------|--------------------|
| Read Format | EM (125 KHz) | Mifare (13.56MHz) |
| Read Range | 8-10 cm (max) | 3-5 cm (max) |
| Slave Reader | T2 or Wiegand (1 Set) | |
| Input Ports | 1 Sensor (Exit Button x 1) | |
| Output Port (Built-in) | Relay x 1 (Siren or Door Lock) · | |
| Output Port (External) | O.C. Output x 2 (Door Lock / Alarm, external ACU-30) | |
| Cardholders / Events | 22,000 / 150,000 | |
| Fingerprint Capacity | 950 user capacity (2 fingerprint templates per person) | |
| Identification Mode | 1 : 1 / 1 : N | |
| Identification Time | 1 : 1 <= 1 second ; 1 : 1,000 <= 1 second | |
| FAR / FRR | <=0.001% / <=0.01% | |
| Fingerprint Sensor | Optical CMOS Sensor | |
| LED Indicator | Power / Comm. | |
| LCD Display | 128 x 64 Dot. Graphic Display with backlight | |
| Keypad | 17 Key (F1-F4, 0-9, *, #, Info) (Sensitive Touch Keypad) | |
| Real Time Clock | YES | |
| Beep Tone | Buzzer & Operating indicative sound | |
| ID or IP setting | Command setting by keypad | |
| Power Input | DC 12V / 1A | |
| Current Consumption | 1A (max.) | |
| Comm. Interface | RS-485 / TCP/IP | |
| Comm. Baudrate | RS-485: 9,600/19,200 bps-N-8-1 · TCP / IP: 10 / 100 Mbps | |
| Operating Temp. | 0°C~ 55°C / 32°F~ 131°F | |
| Relative Humidity | 20% ~ 80% (Non-condensing) | |
| Dimension | 140mm(L) x 130mm(W) x 41mm(H) | |
| Weight (Device) | 400g | |

System Architecture

