HTA-870PEF/PMF (V2.0)
Fingerprint Time & Attendance Recorder

Time & Attendance | Fingerprint | Info Search | Touch Keypad | LCD Display

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 V2.0)
● 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 V2.0)

Ordering Information

Package Content:
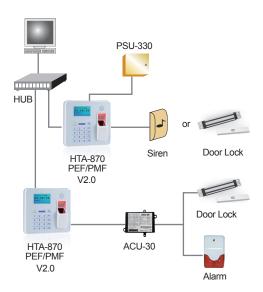・HTA-870 V2.0 x 1
・Plate x 1
・Quick Start Guide x 1
・Accessory Pack x 1

Supported Software:
・HTMS-86 Management System
・HAMS Management System

Optional Accessories:
・AC-DC Adapter
・PSU-330 Uninterrupted Power Supply
・ACU-30 slave controller

System Architecture

Specifications

Model No.	HTA-870PEF V2.0	HTA-870PMF V2.0
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	