

HAC-971PEFA/PMFA

Face Recognition Access Controller



Features

- Provide 4,000 faces (1 face template per user), 80,000 cardholders and 100,000 event records.
- Quick and accurate face verification; supports 1:N authentication. And audible voice prompts guiding users during verification process.
- Casing tamper proof detection and door tamper alarm.
- Blacklist and Duress card/code setting. When door opened in the emergency, the controller will send signal to control center at the same time for tracing and rescue.
- Support anti-passback to a single door.
- Provide 256 time zones and time schedules, 8 time conditional unlock door schedules (per week).
- Provide 32 working shifts and 32 siren schedules. Able display current shift or active alarm. (Work with ACU-30). Provide 100 holiday schedules per year.
- Built-in TCP/IP communication interface to PC.
- Equipped with 2.4" color LCD and waterproof sensitive touch keypad with blue backlight.
- In standby mode, LCD screen display date and large font of time (HH:MM).
- Memory buffer full warning. When the remaining memory capacity can only store 1000 records, the LCD will display that 99% of the memory is full, reminding the administrator to collect data.
- Support remote control function.
- On-board lithium battery ensures data storage can reach up to 1 year upon power outage
- RTC ensures to provide correct date and time. Watchdog function secures system free from halting.
- Conforms to ISO 14443A standard; supporting Mifare card. (Mifare model only)
- Unique ID or Block read format supported and programmable key value. (Mifare model only)



Specifications

Model No.	HAC-971PEFA	HAC-971PMFA
Read Format	EM (125 KHz)	Mifare (13.56 MHz)
Read Range	6 cm	1.5 cm
Salve Reader	T2 or Wiegand x 1	
Input Port	Sensor x 3 (Door Sensor x 1, Exit Button x 1, Case Sensor x 1)	
Output Port	Relay x 1, O.C. Output x 3 (Alarm /Bell/Siren, external ACU-30)	
Cardholders	80,000	
Events	100,000	
Face Capacity	4,000 (1 face template per user, total 4,000 faces)	
Identification Mode	1 : 1 / 1 : N	
Identification Time	<1.5 Sec., motionless status	
Accuracy Rate	≥ 98.7%, sufficient ambient light	
FAR	≤ 0.0001%	
FRR	≤ 0.4%	
LCD Display	2.4" Color LCD (Face/Message integrated display)	
LED Indicator	Red/Green Bicolor LED x 2 (Power/Comm./Status)	
Keypad	17 Keys (F1-F4, 0-9, *, #, Bell) (Sensitive Touch Keypad)	
Real Time Clock	Yes	
Beep Tone	Buzzer & Speaker	
ID or IP Setting	Command setting by keypad	
Comm. Interface	RS-485 / TCP/IP	
Comm. Baudrate	RS-485: 19,200 bps-N-8-1; TCP/IP: 10/100 Mbps	
Current Consumption	600mA (max.)	
Power Input	DC 12V / 600mA	
Memory Battery	3V Lithium battery (replaceable)	
Operating Temp.	0°C~ 70°C / 32°F~ 158°F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimension	130 (L) x 100 (W) x 27 (H)	

Ordering Information

Package Content:

- Controller 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
- T2/Wiegand Proximity Reader
- ACU-30 slave controller

System Architecture

