

HAC-710F Series

Standalone Fingerprint Access Controller



Fingerprint



Access Control



Touch Keypad



Water-proof (-WR)

Features

- The standard model can access 950 users with 2 fingerprint templates per each user (total 1,900 fingerprint templates).
- Quick and accurate fingerprint verification, supports 1:1 authentication & 1:N identification. And audible voice prompts guiding users during verification process.
- The memory capacity supports 20,000 cardholders and 40,000 events.
- Built-in lithium battery ensures data storage can reach up to 1 year upon power outage.
- Standalone operation & setting function; Supports to add unrestricted cardholders.
- Supports entry modes through card swipe or Pin code or card swipe with Pin code.
- Casing tamper switch and door ajar alarm.
- Unique ID or Block read format supported and programmable key value. (HAC-710PMF/PMF-WR)
- Provides 128 groups of time schedules; each group of time schedule includes a whole week (7 days) time schedules; each day allows 8 time schedules settings.
- Supports conditional unlock door schedules.
- Able to connect T2/W26 slave reader and supports various decode setting.
- Settable slave-reader's time schedules that needs to check password or unrestricted.
- Connecting a slave reader to have the Anti-Passback function for single door.
- Built-in TCP/IP communication interface for connecting to PC.
- Duress card/code setting. When door opened in the emergency, controller will send signal to control center at the same time for tracing and rescue.
- Provides two groups of holiday setting; each holiday group supports 100 holidays.
- Provides card re-swipe check function and the card re-swipe check time (Sec.) settings.
- Adjustable Push Button · Door Sensor mode (NO/NC) and door sensor detection time.
- Supports remote door unlock.
- IP65 rated ingress protection. (HAC-710PEF-WR/PMF-WR)

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

Specifications

Model No.	HAC-710PEF	HAC-710PMF	HAC-710PEF-WR	HAC-710PMF-WR
Read Format	EM (125 KHz)	Mifare (13.56MHz)	EM (125 KHz)	Mifare (13.56MHz)
Read Range	5 cm	3 cm	5 cm	3 cm
Slave Reader	T2 or Wiegand x 1			
Input Ports	3 Sensor (Door Sensor x 1 · Push Button x 1 · Case Sensor x 1)			
Output Port (Built-in)	Relay x 1 (Door Lock or Bell)			
Output Port (External)	O.C. Output x 2 (Door Lock, Alarm or Siren , external ACU-30)			
Cardholders	20,000			
Events	40,000			
Fingerprint Capacity	950 user capacity. (2 fingerprint templates per person)			
Identification Mode	1 : 1 / 1 : N			
Identification Time	1 : 1 <= 1 sec. 1 : 1,000 <= 1 sec.			
FAR / FRR	<=0.001% / <=0.01%			
Fingerprint Sensor	Optical CMOS Sensor			
LED Indicator	Power / Output Status			
Keypad	12 Key (0~9, *, #) (Sensitive Touch Keypad, " * " is Door Bell)			
Real Time Clock	Yes			
Beep Tone	Buzzer			
Comm. Interface	TCP/IP			
Comm. Baudrate	TCP/IP : 10/100 Mbps			
Ingress Protection	N/A	N/A	IP65	IP65
Power Input	DC 12V			
Current Consumption	500mA (max. excluding slave reader)			
Operating Temp.	-40°C ~ 70°C / -40°F ~ 158°F			
Relative Humidity	20% ~ 80% (Non-condensing)			
Dimension (mm)	219 (L) x 49 (W) x 47 (H)			

System Architecture

