

HAC-990PE/PM

Full-Screen Touch Access Controller



Features

- 5" color capacitive touch screen provides a user-friendly operating interface.
- Built-in 2M Pixel camera, provides QR Code scanning function.
- Large memory capacity; Support 150,000 cardholders and 300,000 events.
- Provide standalone operation menus for user, parameter, system and communication and controller information settings.
- Allow standalone operation and settings; Supports to add cardholders authorizations.
- Provide 256 time zones and time schedules, 8 time conditional unlock door schedules (per week).
- Provide 32 working shifts and 32 siren outputs. LCD will display current shift and the device sound a siren. (Need to work with ACU-90)
- Provide two groups of holiday setting; each holiday group supports 100 holidays.
- Support swipe card and swipe card with pin codes entry modes.
- Case tamper detection and door ajar alarm.
- Adjustable Push Button, Door Sensor mode (NO/NC) and door sensor detection time.
- Unique ID or Block read format supported and programmable key value. (Mifare model only).
- Built-in proximity detection function; Enable power saving in standby mode.
- Support conditional unlock door schedules; Set First Card rule to conditional unlock schedules.
- Able to connect T2/Weigand slave reader.
- Settable whether to store invalid card records.
- Blacklist and Duress setting functions. When door opened in an emergency situation, the controller will send a signal to control center at the same time for tracing and rescue.
- Built-in Web Server, no software installation is required. Able to control functions through the browser.

Ordering Information

Package Content:

- HAC-990 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
- T2 / W26 / W34 Proximity Reader
- ACU-90 slave controller

Specifications

Model No.	HAC-990PE	HAC-990PM
Read Format	EM (125 KHz)	Mifare (13.56 MHz)
Read Range	3cm above	3cm above
CPU	64 bit 4 Core Cortex-A53 + Cortex-M4	
Memory Capacity	16GB eMMC / 2GB LPDDR4	
Cardholders	150,000	
Events	300,000	
Input Port	3 Sensors (Door Sensor x 1, Exit Button x 1, Case Sensor x 1)	
Output Port	Relay x 1; O.C. Output x 1 (For ACU-90); (Alarm /Door Bell/Siren, external ACU-90)	
LCD Display	5" Color LCD	
Video Input	2M Pixel CMOS Image Sensor	
Voice Input	MIC x 1	
Beep Tone	Buzzer x 1, Speaker x 1	
Slave Reader Interface	T2 / W26 / W34	
Real Time Clock	Yes	
Power Input	DC 12V / 2A (max, excluding slave reader)	
Comm. Interface	TCP/IP x 1; RS-485 (Reserved)	
Comm. Baudrate	TCP/IP: 10/100 Mbps	
Operating Temp.	0°C ~ 60°C / 32°F ~ 140°F	
Relative Humidity	20% ~ 80% (Non-condensing)	
Dimensions (mm)	185 (L) x 92 (W) x 29 (H)	

System Architecture

