

Access Control Controller



- Access Control Controller
- Access control of two doors
- Up to 100,000 cards and 300,000 events
- Uplink communication via RS485 and TCP / IP
- 4 Wiegand readers, 4 RS485 readers
- Inputs for 2 door sensors, 2 REX output buttons, 4 alarm inputs and 1 tamper input
- Outputs for 2 door lock relays and 4 alarm relays.

**Reference / Model****HYU-727 / HYU-727**

32-bit high speed processor

TCP / IP communication, with self-adaptive network interface

Recognition and storage of card numbers up to 20 digits

Storage of up to 100,000 cards (expandable to 200,000) and 300,000 events (expandable to 600,000)

Supports RS485 and Wiegand 26/34 interface to access the card reader

Multi-door interlock function

Anti-passback function, multi-card function, first card function, super card and super password

Online update function and remote door control

Supports loading of alarm events (including tamper alarm, unsafe door alarm, forced entry alarm, delayed door alarm, duress card and code alarm, blacklist alarm and alarm for invalid card slip attempts)

Short circuit attempts alarm and open circuit attempts alarm

Support zone alarm input

Access Control Controller

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Supports various card classifications as normal / disabled / blacklist / patrol / visitor / duress / super card, etc.	
Multiple indicators to show different device states	
Supports time synchronization via NTP, manual or automatic	
Support backup battery	
Watchdog for status detection of the running device	
Data can be permanently saved when the access controller is turned off.	
Specs	
32-bit high speed processor	
16 MB RAM	
Capacity: 100,000 valid cards (expandable to 200,000)	
Events: 300,000 access control records (expandable to 600,000)	
Upload communication interface: TCP / IP, RS485	
Downlink communication interface: RS485, Wiegand 26/34	
Readers: 4 readers Wiegand interface, 4 readers RS485 interface	
Input interface: 2 door sensors, 2 output buttons (REX), 4 alarm inputs, 1 tamper input	
Output interface: 2 door lock relays, 4 alarm relays	
Built-in clock battery	
LED indicator: Power status, communication status and abnormal status	
Power: 12V DC, 1A	
Power dissipation (with load): $\leq 100W$	
Consumption: $\leq 4W$ (no load)	
Operating temperature of $-20^{\circ}C \sim +65^{\circ}C$	
Operating Humidity: 10% ~ 90%, no condensation	
Dimensions: 370 x 345 x 90 mm	