

# HEART



Precise control for secure management

## DEC1564 Elevator Floor Controller

- Card capacity: 9,200 cards; event log storage: 6,200 records
- Supports control of up to 64 floors
- Provides patrol mode and individual PIN code functions
- Supports external card readers (auxiliary reader, keypad reader, and QR code reader)

## Elevator Floor Controller

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### Appearance Details



### General specifications

Characteristic	Specification	Description
Input Voltage	DC +10 ~ 15V	Stable low-voltage power input
Power Consumption	Max. 280 mA @ DC 12V	Energy-efficient operation
Valid Card Capacity	Up to 9,200 cards	Requires external auxiliary card reader; supports visitor and patrol card functions
Event Record Capacity	Up to 6,200 records	Event history storage
Controlled Floors	Up to 64 floors	Requires DEB016 Elevator Control I/O Board
Language Support	Traditional Chinese, Simplified Chinese, English	Multi-language system interface
Indicator Lights	Green, Red LEDs	LED color changes according to system status
Communication Interface	Ethernet, RS485, RS232	
Maximum Communication Distance	Ethernet $\leq$ 100 M RS-485 $\leq$ 1,000 M(1093.61 yd) RS-232 $\leq$ 10 M	Long-distance communication support
Personal PIN Function	Supported	Single time-period control; requires card reader with built-in keypad
Group management	Up to 10 groups	Each group supports independent holiday and time-zone schedules
QR Code Support	Supported	Compatible with external HR800 series QR code reader
Operating Temperature	0°C to 50°C	Reliable indoor operation
Operating Humidity	5% to 95% RH	Non-condensing
Dimension(L x W x H)	155 x 131 x 34 mm	
RTC Backup Battery	CR2032 lithium battery	Maintains RTC for approximately 60 days during power outage
Time-Based Access Control	Supported	Weekly time zones, access periods, holiday control, and temporary suspension management; allows specific floors to bypass temporary suspension control

## Elevator Floor I/O Controller

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### System Architecture



### Product Features



Supports networked elevator floor control for up to 64 floors, improving management efficiency



Supports PIN and direct card-number access for convenient and secure use with a keypad reader



Powerful card management: controls up to 9,200 cards and stores 6,200 usage records



Provides patrol and visitor card functions, displaying cardholder names for easy monitoring of access



Flexible group and time zone control with support for weekly schedules, holidays, and temporary access suspension



Multiple interfaces (Ethernet, RS485, RS232, QR-Code) support diverse system integration

