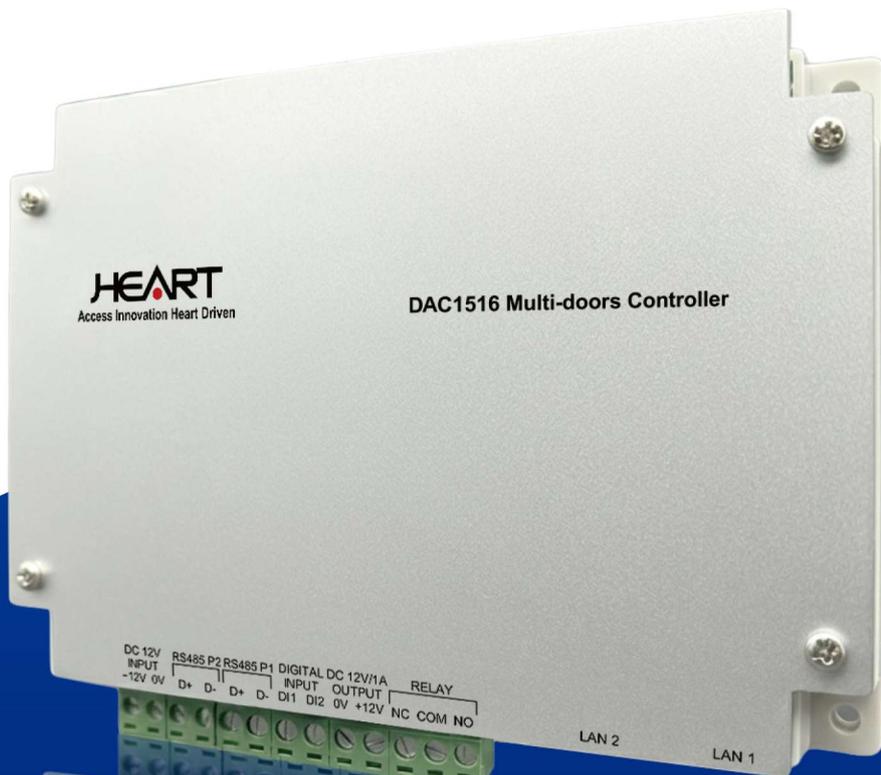


# HEART



Reliable Security for Every Door

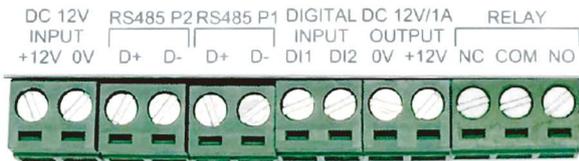
## DAC1516 Multi-Door Controller

- The system can be configured to connect up to 16 door readers.
- Each door can manage up to 100,000 access cards.
- Each door can store up to 200,000 event records temporarily.

## Multi-door Controller

Reliable Security for Every Door

### Contact Configuration



### General specifications

Characteristic	Specification	Description
Input Voltage	DC 10 ~ 15V	Stable low-voltage power input
Power Consumption	210mA	Efficient power operation
Number of Doors Controlled	Up to 16 doors	Multi-door access control management
Valid Card Capacity	Up to 100,000 cards per door	Large-scale credential storage
Event Record Capacity	Up to 200,000 records per door	High-capacity event logging
Language Support	Traditional Chinese, Simplified Chinese, English	Multi-language user interface
User Interface	Web Console	Controller parameters configurable via web browser
Host Communication Interface	Ethernet 10 BASE-T / 100 BASE-TX	Network communication with host system
Device Communication Interface	RS-485 (38,400 bps) × 2	Automatic detection of door readers; up to 16 devices connected via P1 and P2 ports
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 120 x 42 mm	Compact industrial controller design
Power output	DC 12V / 1A	Provides external device power (e.g., alarm)
Built-in Battery	RTC backup battery	Maintains real-time clock for up to 6 months during power outage
Relay Output	1 set	Supports external siren connection with NO/NC contact selection
Digital Inputs (DI)	2 sets	Fire alarm emergency door release and one spare contact
Firmware update	Web Console	Firmware upgrade via web browser
Time-Based Access Control	Supported	7-day scheduling, up to 8 access time slots per day, holiday control, and historical record query
Remote control function	Supported	Host-command emergency door release for real-time unlocking via the main controller

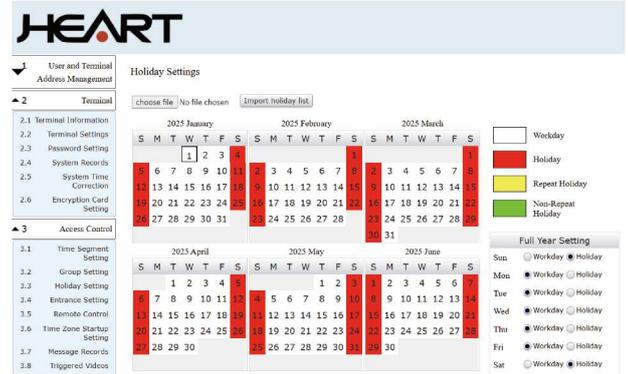
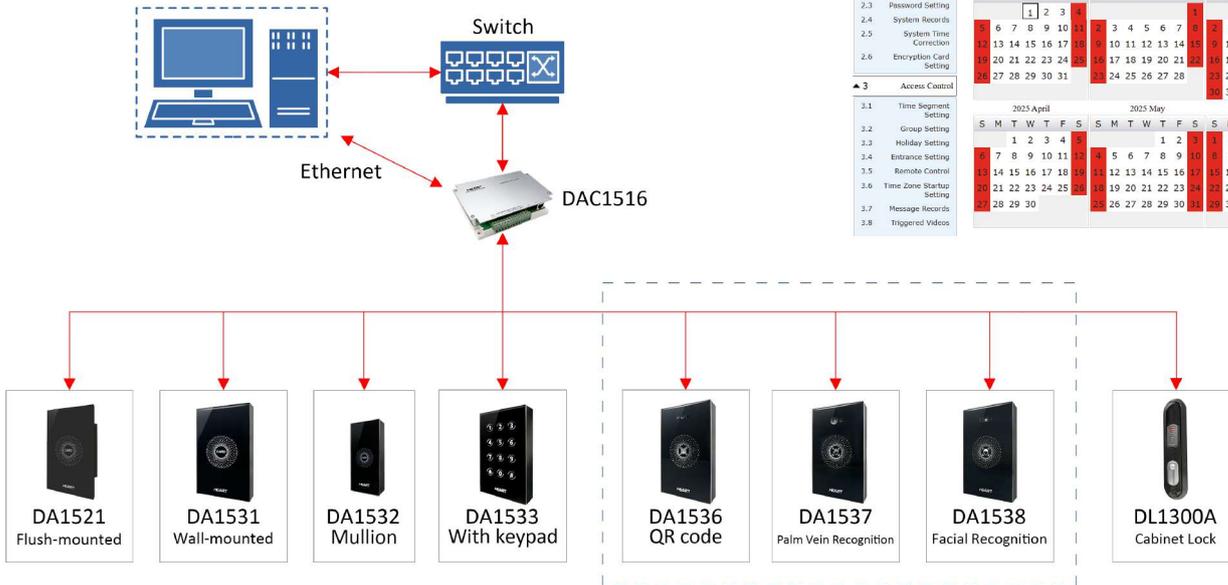
## Multi-door Controller

Reliable Security for Every Door

### System Architecture

### User Interface

#### Multi-Door Access Control Product Series



### Product Features



Supports up to 16 door readers for multi-door access control.



Supports temporary and visitor card management with flexible access control.



Large capacity – up to 100,000 cards and 200,000 access records per door.



Weekly time zone and holiday access control for precise scheduling.



Built-in web console for parameter configuration, system management, and version updates.



Automatic time synchronization with the host computer.



Fire alarm host contact input for emergency door release.



Utilizing an RS485 communication interface, the dual ports enable automatic door unit detection or redundancy (backup) use.

