

DL1300A

Cabinet Electronic Lock Controller

Smart protection for critical
equipment

- Supports 1,000 cards and stores 1,500 access records
- Built-in NC solenoid: locked when power is off, unlocked when powered on
- Mechanical key cylinder for emergency unlocking during power outages



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Appearance Details



Supports mechanical emergency unlocking



General specifications

Characteristic	Specification	Description
Input Voltage	DC +10 ~ 15V	Stable low-voltage power input
Power Consumption	Max. 300 mA @ DC 12V	Energy-efficient operation
Valid Card Capacity	Up to 1,000 cards	Card enrollment stops automatically when capacity is reached
Patrol Card Capacity	Up to 10 cards	Patrol-card swipes are recorded only; door remains locked
Event Record Capacity	Up to 1,500 records	Oldest records are automatically overwritten when full
Indicator Lights	Red , Green LEDs	LED color changes according to system status
Alarm Functions	Supported	Forced-entry alarm and door-held-open alarm
Group Function	1 group	Supports independent holiday tables and time-zone schedules
Operating Temperature	0°C to 50°C	Reliable indoor operation
Operating Humidity	5% to 95% RH	Non-condensing
Dimension(L x W x H)	174 x 22 x 54.5 mm	Slim inline controller design
Communication Interface	RS-485	Stable long-distance communication
Maximum Bus Length	≤ 1,000 m (1,093.6 yd)	Extended network capability
Reader Mode	Mifare	Card Standard: ISO/IEC 14443A
Solenoid Valve Type	Normally Closed (NC), Momentary Mode	Door remains locked during power loss
Mechanical Cylinder	Supported	Key override operation during power failure
Digital Input (DI)	Supported	Provides NO/NC contact selection
Built-in Battery	Rechargeable lithium battery	Maintains clock IC for approximately 60 days during power outage
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

