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Access Trust series is the latest generation of access control system. It is an integral part of the Integrated Java Embedded Security System (JESS) which is designed based on Java EE architecture. The system offers you with reliable, secure and efficient access management solutions. The adoption of advanced ARM processor and CanBus communication protocol ensure efficient data processing, high speed data transfer and data integrity. Its state-of-the-art single-piece enclosure design strengthens dust/waterproof ability of the reader; and the sharp LCD provides programmable Chi/End display. The sophisticated touch sensing keypad is designed for multi-factor authentication that makes the Access Trust series the best option for enterprises which are security demanding.

Controller Information

Characteristics

- Large and expandable memory size
200,000 cardholders
- 1 million in/out records, unlimited extensibility
- Prolonged data persistence
90 days' records storage
Guarantee data validity for 10 years without power
- High security
End-to-end security, advanced cryptographic technology, mutual-authentication between server software, controllers and readers
- Encryption on all communication data
- Password retry check
- Two-factor authentication (card+password)
- Duress code setting
- Flexible card expiry date setting
- Multi-zone anti-pass back function
- VIP, blacklist card management
- Multi-card access function, support max 256 cards per access point
- Various communication mode
- Build-in TCP/IP function, CanBus communication function
- Support RS485, Wiegand communication
- Thunder/static electricity protection
- Low voltage check and auto shutdown protection

Time zone control

- 1 global time zone
- 256 group time zones
- 2,000 individual time zones
- Password time zone
- Emergency door status setting
- Alarm signal enable time zone
- Door release button time zone
- Electric lock control time zone
- Door open too long time zone

System Compatibility

- 1 controller can support 16 readers
- DHCP, Static IP

Power Supply & Backup Battery

- 220V AC power input
- Output: 18V AC, 7AH

Reader Information

AT1 Dimensions (mm)

Surface Mount

- 202(L)×88(W)×22.5(H)

Response Time

- Less than 0.1 second

Read Range

- Mifare: 3cm

Software Characteristics

General Features

- Web base network version (multi-tier architecture)
- Central server management, cross platform operation
- Cross international time zone system configuration
- Real-time data upload (status/event/transactions), various encryption technology ensures data security
- Developed based on Java EE platform, system extensibility and scalability enhanced
- Online/offline mode
- Operation system: Windows, Linux, Unix
- Database: MS SQL Server / Oracle / MySQL
- Window base database application (Simplified / traditional Chinese, English)

Attendance Module

- Multiple time zone per day
- Cross locale holiday setting
- Unlimited shift table definition
- Unlimited roster table definition
- Daily attendance report
- Individual attendance report

Access Control Report

- Entry record audit report
- Alarm status report
- System event report

Reporting

- Different kinds of reports
- Report output: printer or text file

Card Information

Proximity Card

ID card (HID)

- (000-255) 3 digits facility code
- +card number, Unique code is guaranteed
- 26 bits standard Wiegand format
- Integrated standard format
- 125KHz

IC card (Mifare, HID iClass)

- (000-255) 3 digits facility code
- +card number, Unique code is guaranteed
- 13.56MHz



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* Maximum reading distance will vary according to installed environment.

* Owing to continuous product improvements, Product Technical and Aesthetic Specifications are subjected to change without further notice.