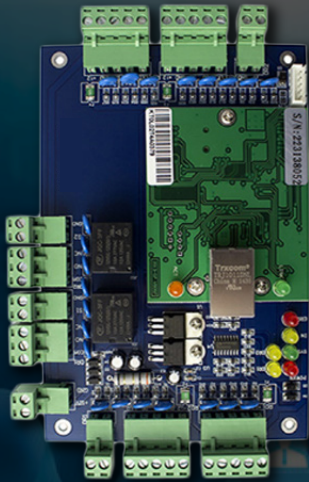


AX-L Series

Two-door Security Access Control System



Overview

AX-L Two-door Security Access Control System (with Webserver), Advanced design platform, Winged intelligent ARM platform of High-end 32-bit CUP from International top brand ATMEL, enables to expand without limits, High-speed operation circuit design-High operation speed, door opens immediately after swiping the card. The controller using standard industrial TCP / IP network communication protocol; can add two Wiegand reader, to achieve a two-way entrances and exits out of RFID card or Biometric, the access control panel choose the most advanced integrated solutions, with stable performance, fast communications, large capacity, compatibility, network convenience and other features, meanwhile, it supports remote authentication, latch model, multi-card open door, first card open door, interlock, anti-passback, exit button failure and smart download functions. outstanding performance by many large-scale access control systems engineering and card system widely recognized.

In order to safeguard stability of system and improve the life of products, Nodexon adopts industrial-level design standard. All IC used are from the world's famous chip manufactures. During production process, Nodexon carries out strict and standardized production management. Strict quality control methods are applied on each production segment. Excellent production design brings superior quality.

Features

1. Support remote operation door switch; switch fire alarm.
2. All inputs with optocoupler protection system more stable.
3. The standard TCP / IP communication, multi-stage lightning protection, surge protection.
4. Large-capacity Flash memory, stored data is not lost power for 10 years.
5. All chip imported new and original, to meet industrial requirements to meet the wider work environment.
6. Identification of a variety of ways to open the door: card, password, card + password, double cards, free passage, timed door switch, timer alarm.



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7. Support individual settings for each card is valid.
8. All access devices support a mixed installation.
9. With the support and attendance software, on-line patrol function.
10. Support multi-user multi-machine management and monitoring in real-time.
11. Sends data, quantitative restrictions transmission from the controller.
12. All weigand interface is compatible 26, 34, 37 agreement with optocoupler protection.
13. Support multiple events alarm output, such as an invalid card, invalid time, door alarm, the door opened out.
14. Support network camera, with multi-functional electronic map, enabling real-time network monitoring and video capture.

Specification

Model	AX-L2	AX-L4
Communication	TCP/IP 10M/100M adaptive	
Size of PCB board	160mm *106mm	218mm *106mm
Size of Case	273mm*228mm*65mm	
Power Supply	12VDC 4-7A	
Power Consumption of Circuit Board	Less than 100mA	
Quantity of Readers	2 pairs	4 pcs
Door Controlled	2 pairs	4 pcs
Door opening time extending setting	1-600 seconds (adjustable)	
Max q ' ty of controller	No limit	
Input Format of Reader	Wiegand 26 (All card reader with compatible protocol, such as Motorola, HID, EM, Mifare one etc)	
Operation Temperature	- 40 C~70 C	
Operation Humidity	10-90 % RH, No Condensation	
Q ' ty of users	20,000 Users	



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Q ' ty of Event Buffers (offline)	100,000 event buffers
Power interruption protection measure	High Speed Memory, Records never lose
Max Distance from Reader to Controller	100m (suggestion distance 80m)
Max Distance between Controllers	RS232: Communication Distance less than 13m, suggestion distance is 3m or less
	RS485: bus line max length 1200m, suggestion length 1000m or less, if expansion device added, the distance could be 3000m
	TCP/IP: Depends on net coverage area
Collocations	PCB board, case, power, power line, serial port communication line, software, manual, certificate, key (2pcs), carton
Alarm for long time door open, illegal break in, intimidate	Yes
Fire and alarm linkage	If no connection with the expansion board, only has software interface alarm, and drive the computer speaker. If connected with expansion board, is able to alarm by hardware, if connected with strengthened expansion board, then is able to Security alarm

