

TCP/IP Network Access Control B Series

Access Control System Provider

TCP/IP 4 door 2 ways access controller

TCP/IP 4 door 2 ways access controller is one of TCP/IP access controllers which use standard industrial TCP/IP network. There is no limitation of device qty. It has built in WEB management and we can manage it directly. It connects 8 card readers to realize card swiping for door entry or exit and anti pass back.

TCP/IP Parameter

User: 30000
Event: 60000
Alarm event: 60000
Communication: TCP/IP
Communication distance: Software management without limitation
Card reader: Wiegand protocol
Door open method: Card, Card+PSW, PSW, double card, software, free pass, push button, door timer.

TCP/IP Standard interface

Card reader: 8
Alarm output: 1
Alarm input: 1
Fire alarm output: 1
Fire alarm input: 1
Release button: 4
Door sensor input: 4
Lock output: 4
TCP/IP communication: 1
Rs485 interface: 1

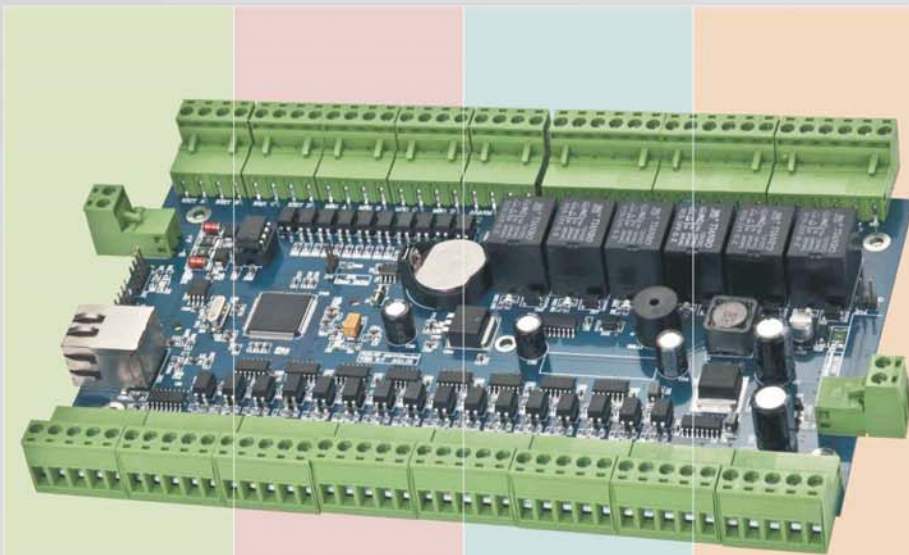
TCP/IP Basic parameter

Panel size: 232x134x22mm
Panel color: Deep blue
Panel weight: 300g
Metal box size: 380x300x75mm
Box color: Black
Box weight: 1.4KG(bigger:2.4KG)

Working temperature: <60degree
Humidity: 10%--95%R.H
Working voltage: 12V
Working current: <240ma
Rated power: ≤5W
Data protection if no power supply: 10years

TCP/IP Application area

Government, research institution
Industrial and mining enterprises
Intelligent building, office building
Intelligent community, villas
Apartment, communication room
Bank financial institutions, treasury
Military installation, prison
Subway, airport, busstation
Turnstile control, car parking system
University, hospital, hotel



Reliability 10 years experience	Comprehensive Network access control's all features	Standard Standard protocol and interface	Quality 3 years' warranty
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Features

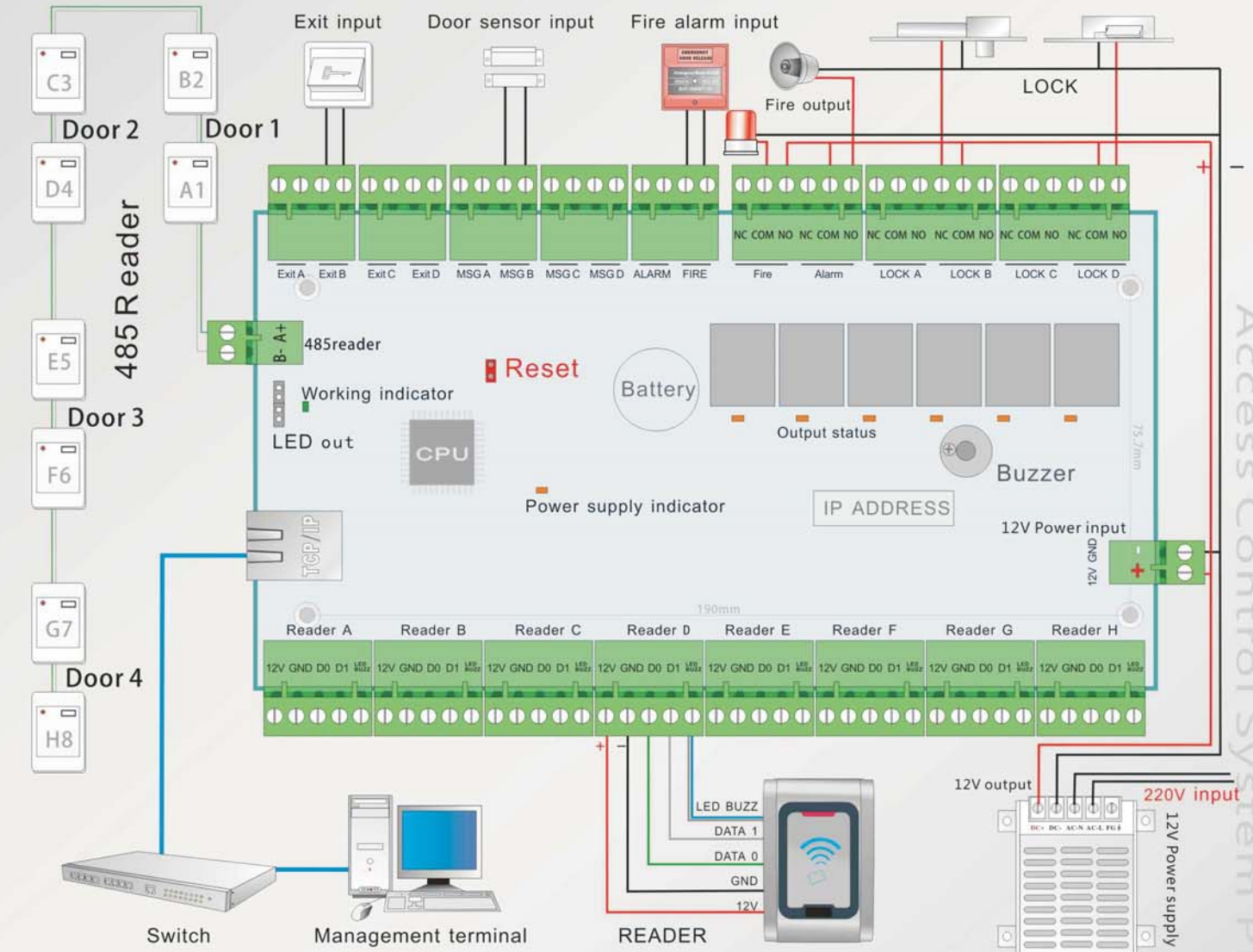
- Directly integrate 10M TCP/IP communication with excellent transmission performance.
- Big flash capacity can keep data for 10 years if no power.
- All of input interfaces have optocoupler protection and system is more stable.
- WEB server is built in access control. We can manage and real time monitor and no need install software.
- Access control's time zone can reach as many as 8 groups and each group can have different verifications.
- Support multi verifications: Card, card+PSW, PSW, double cards, first card opening, door timer, timed alarm.
- Support remotely open or close door, alarm, fire alarm.
- Support software or manage door through WEB and realize global anti passback.
- Support alarm output of multi events like invalid card and time, door alarm, door open overtime.
- All of wiegand interfaces are compatible with wiegand protocol like 26,34,37.
- Data automatically sends without limitation of access controller qty.
- Separately set each cards' validity.
- All of our access controllers support 485, TCP/IP controller's mixing installation.
- Support time attendance and on line guard tour function.
- Support real time management monitor by multi users and multi devices.
- Working with IP camera to realize network real time monitor and videocapture.

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TCP/IP 4 door 2 ways access controller wiring diagram explanation

Wire from card reader to access controller: suggest using 8 core multi-strand twisted-pair shielded cable. 2 cables to be connected to 12V+, 2 cables to be connected to GND, GREEN line for D0, White line for D1, Blue line for LED/BUZZER line. Line diameter should be > 0.5mm, and the distance between reader and controller should be less than 60meters, shield line for access control's GND.
Wire from release button to access controller: Suggest 2 core line, line diameter should be >0.3mm. We can use 2 lines of 8 core network line.
Wire from lock to access controller: suggest using 2 core power supply line. Line diameter should be >1mm. If distance between lock and controller is >50 meters, we should use thicker line, or use more lines for example 2 lines or more for lock's 12V line, and 2 lines or more for lock's GND.
Wire from door sensor to access controller: suggest using 2 core line. Line diameter should be >0.3mm.
TCP/IP communication: Use country standard network line, the distance between controller and HUB or PC should be less than 100 meters.
How to reset access controller: 1, Power off controller, short reset jumper, power controller for 6 sec. and controller buzz will send 2 sound, after power off, disconnect reset jumper, then power again, all of data in controller is cleared.
2, Open software, right click on controller icon to be initialized—device—reset access controller.



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