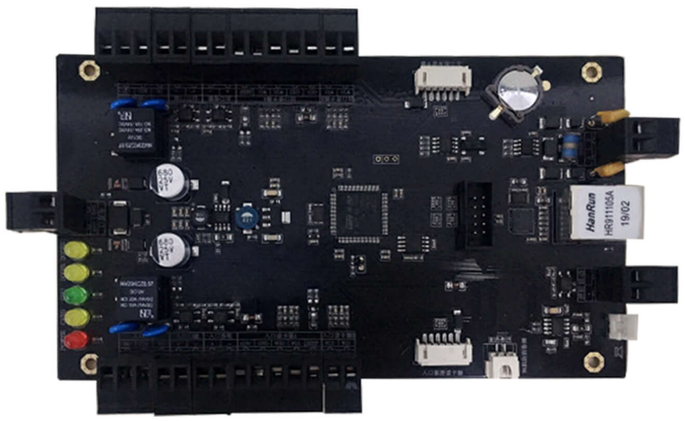
TCP/IP Turnstile Access Controller

TCP/IP turnstile access controller is one of TCP/IP access controllers which is a new network control board, supporting TCP/IP and RS485 networking communication.

DS-A03 also is a new generation access control product, use super internet processor combined with mass FLASH memory development and design, to realize networking data exchange, high speed operation and ultra large user data management which can be used in banks, communities, schools, enterprises and other places.



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

TCP/IP Parameter

Cards: 42000 (Can be Extended)

Records: 200,000 records (Can be Extended)

Communication: TCP/IP + RS485

Card reader: Wiegand protocol

Door open method: Door、Double cards、Card+PIN、Software、Timing、Password、Free Pass、Button、Fingerprint、Face Recognition、Dynamic QR Code

TCP/IP Standard interface

Card reader: 4 standard Wiegand reader + 2 color screen card reader

Power port: 1

Turnstile support: 2

Voice output: 1

Temper input: 1

Fire alarm input: 1

Button input: 2

Alarm extension: 1 (4 in 4 out)

Communication type: RS485+TCP/IP(10/100M)

TCP/IP Basic parameter

Panel size: 187*112*25mm

Panel color: Black (Standard)

Panel weight: 150g

Working temperature: <80 degree

Humidity: 10%--95%R.H

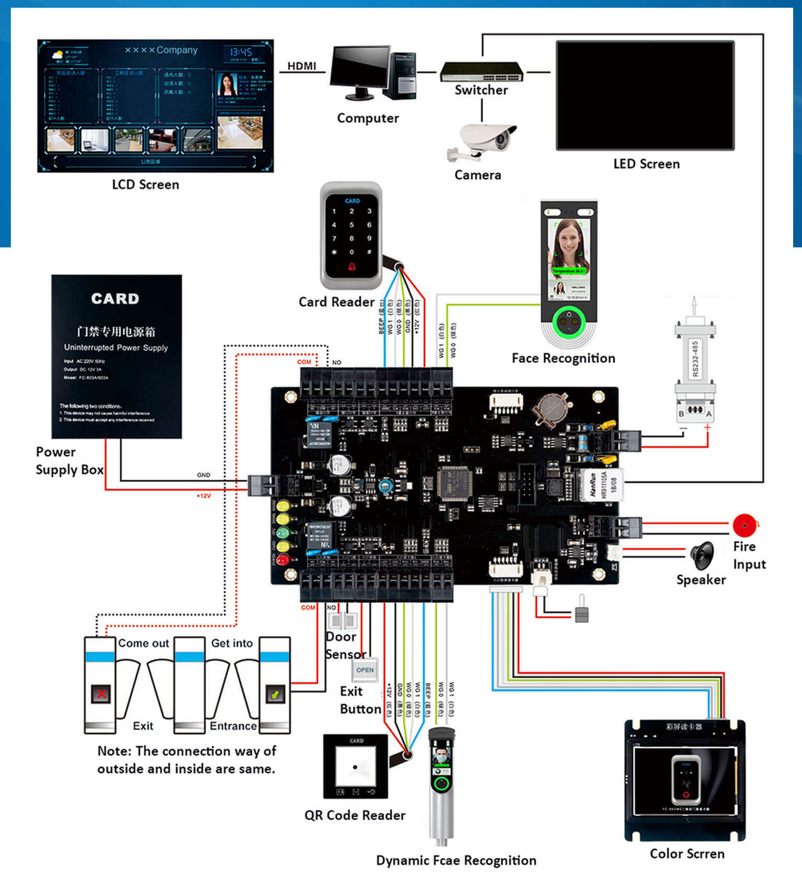
Working voltage: DC12V

Working current:: <350mA

TCP/IP Application area

government, research institution
industrial and mining enterprises
office building, prison, community
villas, apartment and so on
communication room
bank financial institutions, treasury and so on

TCP/IP Turnstile Access Controller Wiring Diagram



System Function

1 Standard Function

Offline operation, Reading card unlocking,
Passwords unlocking, Period passwords unlocking,
Reading card+Passwords access,
Period reading card+Passwords unlocking,
Manual input card number + Passwords unlocking,
First card unlocking, Normal card unlocking,
Remote unlocking, Remote locking,
Unlocking at definite time, Period normally open,
Real time supervision, Abnormally supervision,
E-map, Duress alarm, Fire alarm linkage,
Bandit alarm, Illegal break in alarm, Illegal card alarm,
Missing card management, Black list card alarm,
Door open time out alarm/prompt, Anti-passback and anti-tail,
Bulk data uploading, Small group data uploading,
Two door interlock, Multi-door interlock, Multi-card unlock,
Keypad programming, Emergency locking,
Time attendance, 64 groups time zone,
Holiday time zone and etc.

2 Professional Function

Card data recovery,
Logs repair,
prodetection,
Swiping card and validation,
Full cards unlocking,
Full cards unlocking+auto register,
Clock self-adjust,
Reader with color screen,
Unlocking based on internal and external validation,
3+1confirmation unlocking,
Indoor population checking,
QR code recognition unlock,
Telephone inform once trigger alarm,
Operation time display,
Remote firmware upgrade and etc.

3 New Function

Abnormal detection of the card reader circuit and voice prompts,
Voice prompts and guide, System temperature detection,
Ppower input stability detection, Trial period, Online patrol management,
Voice prompts if the card close to expiration date,
Daily intelligent self correction of time error,
Exit switch available during valid time zone,
Remote phone taking when swiping card, Anti theft alarm host function,
Time interval setting of twice swiping card,
Door magnetic alarm time management, Encrypted communication data,
Swiping card times setting, Capacity expension,
Wiegand keyboard issue card and etc.

It can support multiple computers to manage at the same time,
such as a computer for monitoring the status,and another computer download data
and other computers can also to perform other operations,
which can realize the real multiple-computers management.
New regional interlock function, new regional fire linkage function, new regional anti-passback function.
No need to open the computer, each device can work on own.

4 Site Access Control Function

It supports the management of pedestrian turnstile,
Two-ways control,
LED screen information output,
LCD TV screen information output,
Site information display,
Card reading,
Fingerprint,
Face recognition management (a set of software unified management),
Multi-platforms data upload.