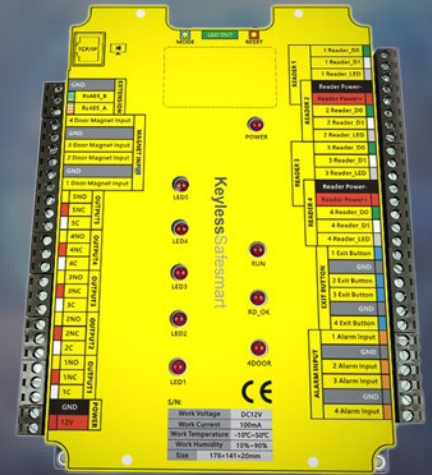# MX-TNet Series
Two Door/Four Doors Access Control board

1. Large-capacity FLASH, multi-type circuit design optimization, 10 years of continuous power storage data.

2. ARM processors from the United States, input / output protection, components from well-known IC manufacturers.

3. Various ways to identify and open the door: card, password, card + password, double card, free access, timing door switch and timing alarm.

4. Linkage function of the system: the product has reserved abundant interfaces for customers, which can link other events, such as illegal card alarm and alarm linkage door opening, through swiping, illegal card, alarm input and other events.

Overview

MX-TNet is a network access control board with new Industrial standard design , All chips use famous brand manufacturers. It Supports TCP/IP and Extension RS485 communication.

Multi-function interfaces are reserved for customers, and a variety of event linkage mechanisms are added in the design, such as swiping card, illegal card, alarm input and other events linkage, such as illegal card alarm, alarm linkage door opening and so on.

Multi-wiegand interface input, RFID card or bidirectional access can be realized, the controller has a strong access control function, can provide a perfect single door access control management.

Realize multi-card opening, password opening, card and password opening and different opening modes in different time.

Nodexon multi-door networking access controller, strict production management, bring excellent quality, excellent performance has been widely recognized by many large access control system engineering and card system.

Features

1. Standard TCP/IP communication, multi-level lightning protection and surge protection.

2. Large-capacity FLASH, multi-type circuit design optimization, 10 years of continuous power storage data

3. Input/output protection, components from well-known IC manufacturers.

4. Various ways to identify and open the door: card, password, card + password, double card, free access, timing door switch and timing alarm.

5. Linkage function of the system: the product has reserved abundant interfaces for customers, and a variety of event linkage mechanisms have been added in the design, which can link other events, such as illegal card alarm and alarm linkage door opening, through swiping, illegal card, alarm input and other events.

6. Perfect access control management: The controller has powerful access control function and can provide perfect management of single door access control.

Realize multi-card opening, password opening, card and password opening and different opening modes in different time periods.

- First Card
- Multi-card Open
- Anti-passback
- Remote Control
- Multi-door interlock
- Threaten Code
- Normal Open Automatically
- Powerful Software

7.When access controller series work with Anson software, it can achieve more complex security function. Such as, access data search, employee shift, attendance statistics.

- Access Control and video device linkage
- Attendance
- On-line access control
- Real-time Remote monitoring

Specification

Model	MX-T102Net	MX-T104Net
Communication	TCP/IP 10M/100M adaptive (Extension RS485)	
Size of PCB board	L273xW175xH72mm	L330xW288xH72mm
Power Supply	DC12V/400mA	DC12V/400mA
Power Consumption of Circuit Board	Less than 100mA	Less than 100mA
Quantity of Readers	2 pcs	4 pcs
Door Controled	1/2 pcs	2/4 pcs
Door opening time extending setting	1-600 seconds (adjustable)	
Max q ' ty of controller	No limit	
Input Format of Reader	Wiegand2634 (All card reader with compatible protocol, such as Motorola , HID, EM, Mifare one etc)	

MX-TNet Series — Two Door/Four Doors Access Control board

Operation Temperature	-10°C-50°C	
Operation Humidity	10-90 % RH, No Condensation	
Q ' ty of users	20,000 Users	
Q ' ty of Event Buffers (offline)	70,000 event buffers	
Number of Inputs	8ea (2 exit button, 2 door sensor, 2 Wiegand, 2 ALARM)	16ea (4 exit button, 4 door sensor, 4 Wiegand, 4 ALARM)
Number of Outputs	3 FORM-C Relay Output (2 LOCK, 1 ALARM)	5 FORM-C Relay Output (4 LOCK, ALARM)
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	
Optional	RS485: bus line max length 1200m, suggestion length 1000m or less, if expansion device added, the distance could be 3000m	
Communication	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, ilegal 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	