

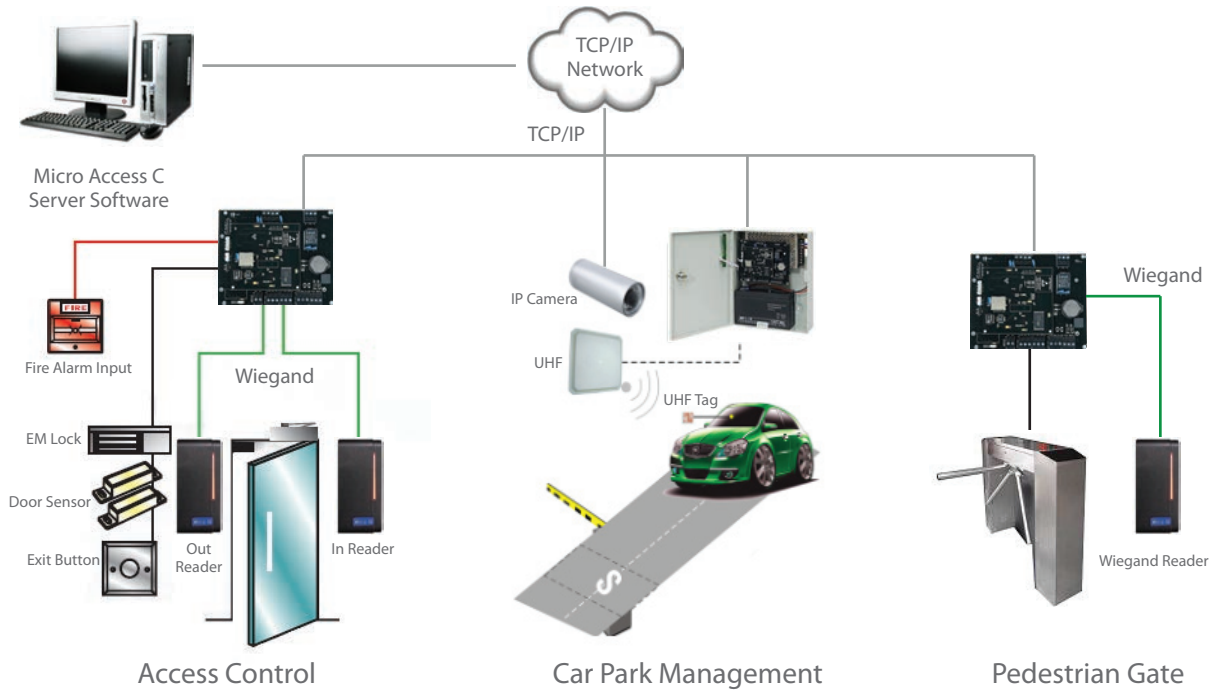


- 1/2/4 Doors 1 or two ways access control
- Built-in http web-based management
- Software provides for advance management
- Built-in relays for door exit button/door lock/door sensor
- IP Camera integrated if needed for real time image monitoring
- 20,000 user cards / 60,000 event logs / 1,500 system logs
- Time setting / zone setting / group setting / holiday setting
- Support Wiegand 26 / 34 format reader
- DIO function for event such as fire alarm system triggering device without delay
- Support Anti pass back and inter-locking functions
- Economic solution for RFID card access control site
- Suitable for homes/schools/hotels/small offices
- Optional 4 relay box module for 3 events handle and 1 security or energy saving

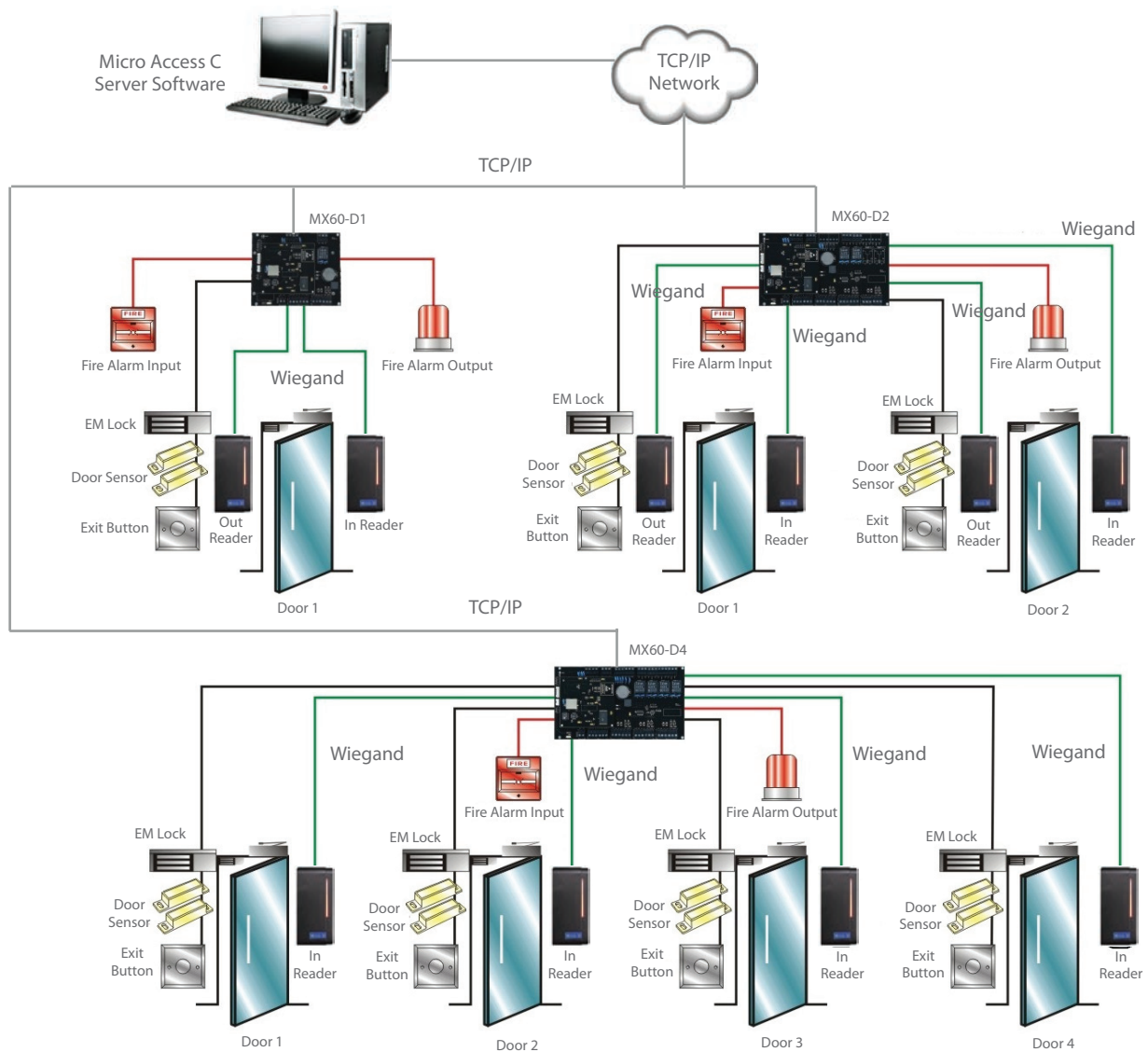
## Specification:

Model	MX60-D1	MX60-D2	MX60-D4
Door Capacity	1	2	4
Wiegand Interface	2	4	4
Exit Button Connection	1	2	4
EM Lock Connection	1	2	4
Sensor Connection	1	2	4
Fire Alarm Connection	Yes	Yes	Yes
Inter-locking	No	Yes	Yes
TCP/IP Interface	Yes	Yes	Yes
Two Ways Access Control	Yes	Yes	No
Power Requirement	DC 9-24V, 1A	DC 9-24V, 1.5A	DC 9-24V, 2A
Reader Communication Mode	Wiegand 26 & 34 bit		
Wiegand Reader Power Requirement	9 - 24V		
Door Opening Time	1-65,535 seconds (adjustable)		
Work Temperature	0 - 65 °C		
Operation Humidity	5 - 90% RH		
Max. Distance to PC	TCP/IP: <100m		
Max. Distance to Reader	80 meters (subject to site condition and cable )		
Special Door Access Features	Force door open alarm		
	Fire detector and and activate alarm function		
	First card unlocking		
	Multi-card Access		
Dimension	Anti-passback		
	138 x 114 x 27mm, 150g	200 x 114 x 27mm, 200g	200 x 114 x 27mm, 250g
Sales Code	XL-MX60D-001	XL-MX60D-002	XL-MX60D-004

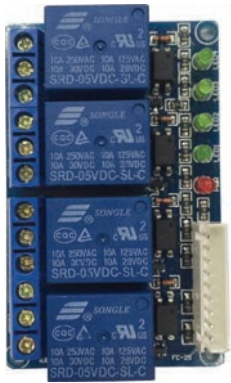
# MX60D Applications



## MX60D Access Control Layout Diagram



# MX60D Expansion I/O Board



- Built-in with 4 relay output.
- Relay 1 to 3 is used to trigger the hard alarm and soft alarm.
- Different event types can be set to trigger different output.
- Relay output duration can set from 0-65535 seconds.
- Fire alarm input in MX60D controller connect to fire alarm panel. When fire signal received, all doors will open automatically and fire alarm will be recorded.
- Relay 4 can be used with the preservation of the host or saving purposes. If a user set to Defense Card type, when he badges card will set the relay output permanent on, badge card again will set it permanent close.

**System Log**

System Log

Clock Setup

**Access Control**

Time Set

Time Zone Setup

Group List

Holiday Setup

Door Setup

Remote Control

Event Handle

Multi Badge Group

**Tools**

IP Camera

Backup

Restore

Reboot

Upgrade Firmware

**Event Handle**

Relay 1
Relay 2
Relay 3

	Hard Alarm	Soft Alarm1	Soft Alarm2	IP Camera
Latched Time(Second)	0	0	0	0
<b>Event</b>				
Unregistered User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deactivated User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Allowed Door	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time Zone Violation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expired User	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anti Pass Back Violation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door open too long	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Door Intruded	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duress Alarm On	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire Alarm On	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Hard Alarm**

Latched Time  (sec,Max 65535 : 0 means unlimited)

Unregistered User  
 Anti Pass Back Violation

Deactivated User  
 Door open too long

Not Allowed Door  
 Door Intruded

Time Zone Violation  
 Duress Alarm On

Expired User  
 Fire Alarm On

**User Administration**

Log/Report

Auto Refresh Log

View User List

Add User

**Terminal**

Terminal Status

Terminal Setup

Password Setup

System Log

Clock Setup

**Access Control**

Time Set

Time Zone Setup

Group List

Holiday Setup

Door Setup

Remote Control

Event Handle

**Add New User**

REG :  Single  Continuous Amount :

User ID :  (1 - 20000 )

Card No. :  (DEC)

Name :  (Max 31 chars.)

Expire Date Check :  Disable  Enable

From 2014 (Y) 01 (M) 23 (D) 15 (H) 21 (M)

To 2014 (Y) 01 (M) 23 (D) 15 (H) 21 (M)

Status :  Activate  Deactivate

User Type :  ← **Relay 4**

Can be used with the preservation of the host or saving purposes  
(Brush card permanently open, painted once the card is permanently off)!

Group : 1. Free Time Group 2. Disallowed Group 3. Disallowed Group 4. Disallowed Group

Bypass TZ Level : L1

Personal Password :  (4 - 8 digits.)

Personal Confirm :