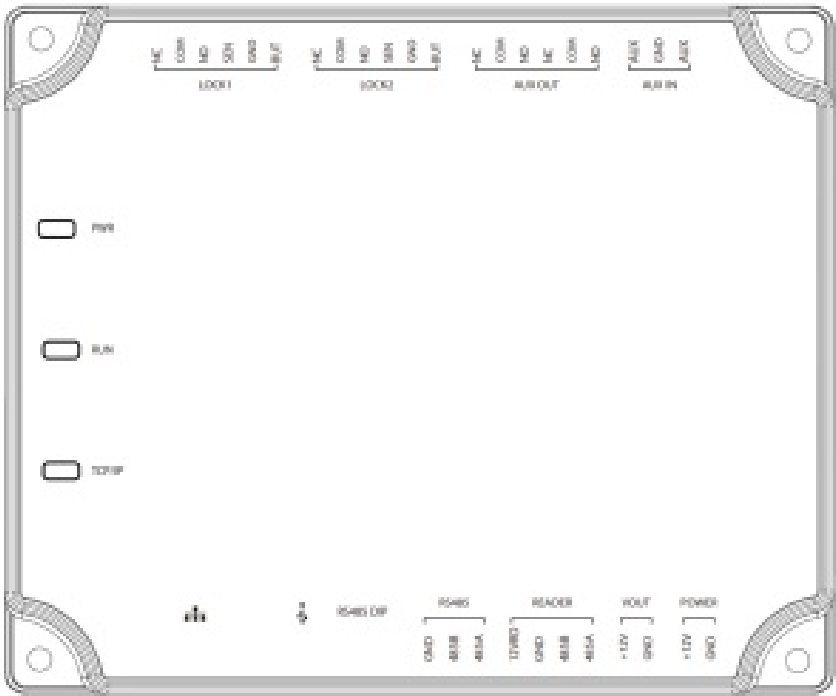


# ZKTECO C2-260/inBio2-260 Access Controller User Guide

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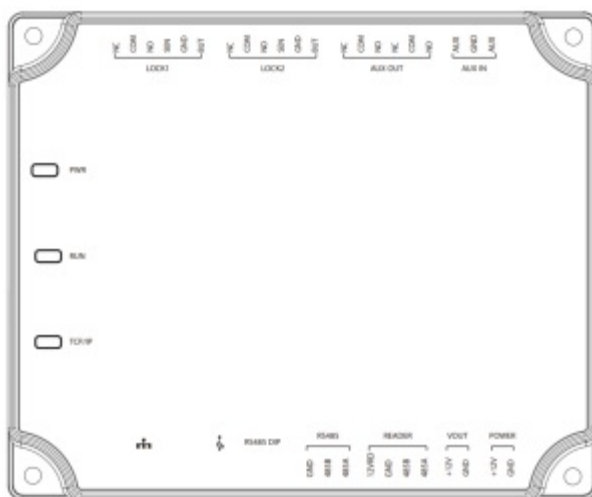
## ZKTECO C2-260/inBio2-260 Access Controller



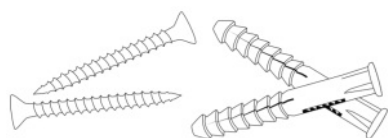
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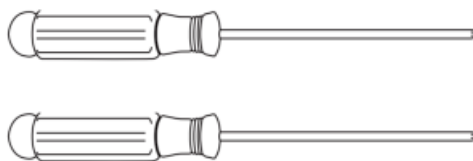
## What's in the Box



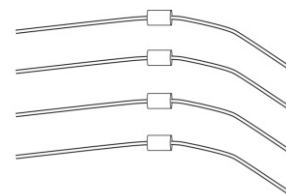
C2-260 / inBio2-260



4 Screws & Anchors





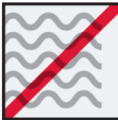






2 Screwdrivers



4 Diodes

## Safety Precautions

The following precautions are to ensure user's safety and prevent any damage. Please read the instructions carefully before installation.

	<b>Do not</b> expose to direct sunlight, water, dust and soot.
	<b>Do not</b> place any magnetic objects near the product. Magnetic objects such as magnets, CRT, T V, monitors or speakers may damage the device.
	<b>Do not</b> place the device near any heating equipment.
	<b>Prevent</b> water, drinks or chemicals leaking into the device.
	This product is not intended for use by children unless they are supervised.
	<b>Do not</b> drop or damage the device.
	<b>Do not</b> use the device for any purpose other than those specified.
	<b>Do not</b> disassemble, repair or modify the device.
	<b>Remove</b> dust or dirt regularly. While cleaning, wipe the dust off with a smooth cloth or towel instead of water.
<b>Contact</b> your supplier in case of any query	

## Product PIN Diagram

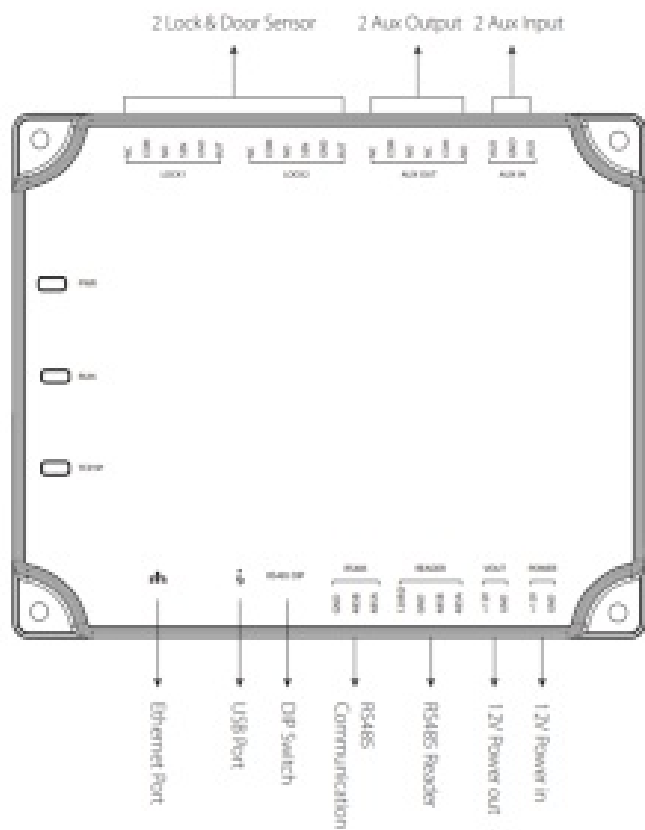


Figure 1

## LED Indicators

- **LINK Solid Green LED** indicates TCP/IP communication is normal.
- **Flashing (ACT) Yellow LED** indicates data communication is in progress.

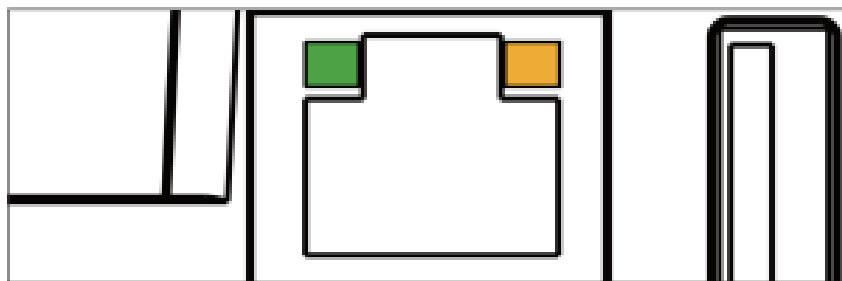


Figure 2

- **Solid (POWER) Red LED** indicates the panel is powered on.



Figure 3

- **Slowly flashing Green LED** indicates normal working status of the system.



Figure 4

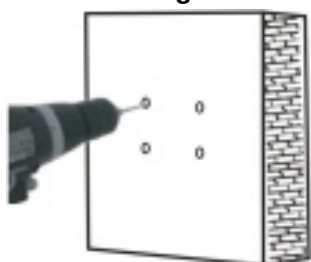
-  TCP/IP continuously flashing Yellow LED indicates data transmission.
-  TCP/IP slowly flashing Yellow LED indicates real-time monitoring status.



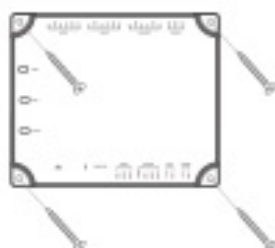
Figure 5

## Panel Installation

### Wall Mounting



Step 1  
Drill holes on the wall



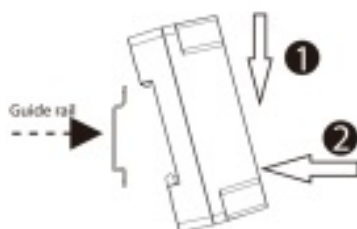
Step 2  
Fix the device with four screws

Figure 6

### Rail Mounting



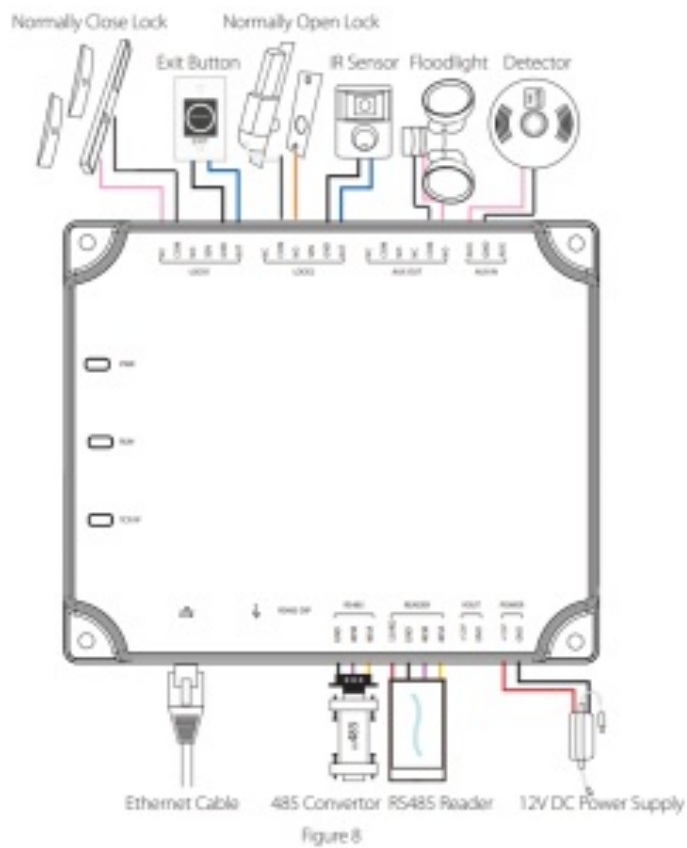
Step 1  
Fix the guide rail on the wall



Step 2  
Fix the device to the rail mounting.

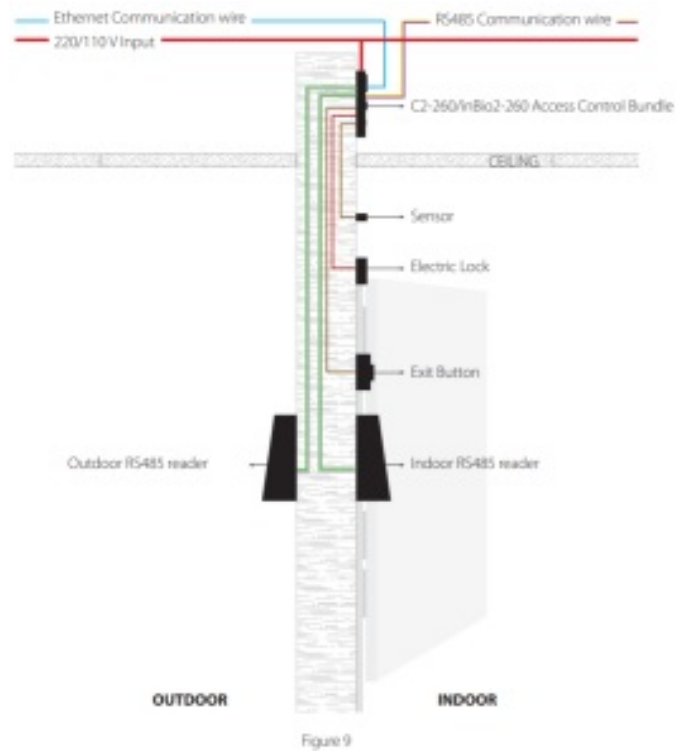
Figure 7

## Panel Installation

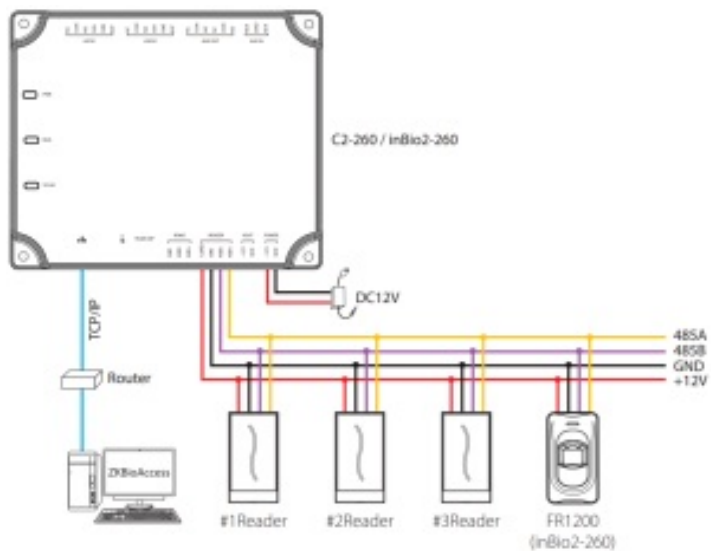


The auxiliary input may be connected to infrared body detectors, fire alarms, or smoke detectors. The auxiliary output may be connected to alarms, cameras or door bells, etc.

## Installation Diagram



## RS485 Readers Connection

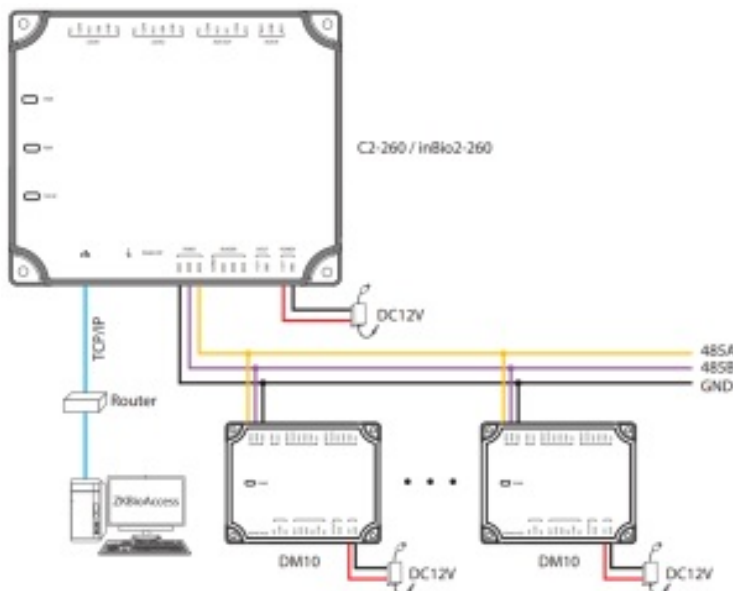


#### Note:

1. It's recommended to connect maximum four readers to one C2-260/inBio2-260.
2. A single RS485 reader interface can supply a maximum of 750 mA (12V) current. So the entire current consumption should be less than this max value when the readers share the power with the panel.
3. Only inBio2-260 supports connection with FR1200 readers.

### Additional Modules of RS485

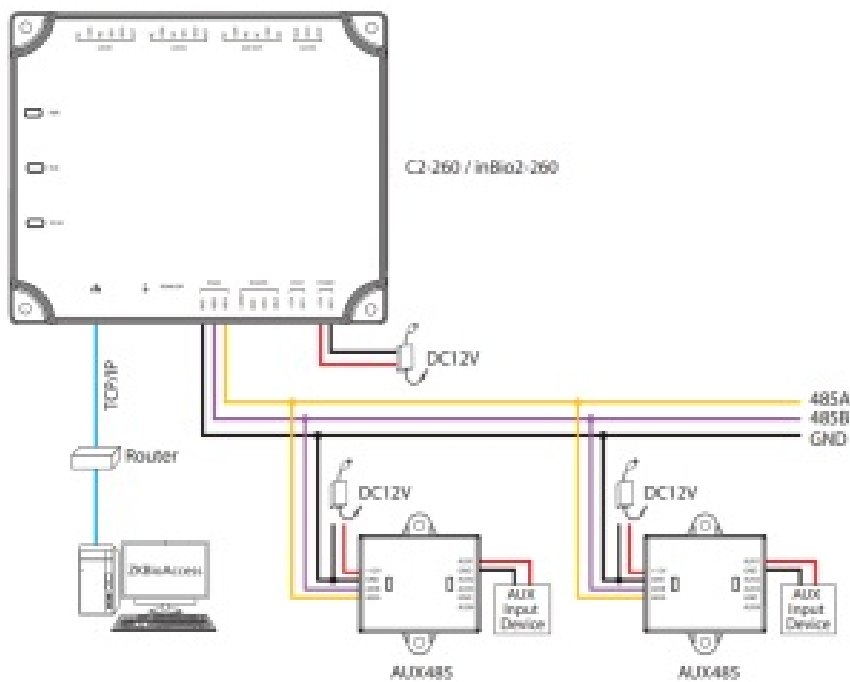
- Connection with DM10



#### Note:

1. A C2-260/inBio2-260 can connect to maximum eight DM10 modules..
2. Each DM10 module requires a separate power supply.

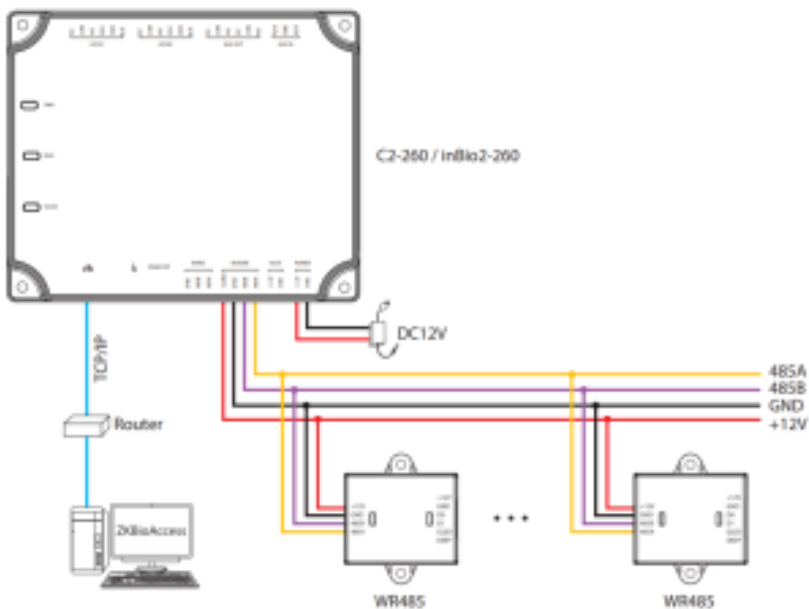
- Connection with AUX485



#### Note:

1. A C2-260/inBio2-260 can connect to maximum two AUX485 modules.
2. Each AUX485 module can connect to maximum four auxiliary devices.
3. Each AUX485 module requires a separate power supply.

#### • Connection with WR485



### Connection to ZKBioAccess Software

Here the connection between C2-260/inBio2-260 and AUX485 is used as an example to illustrate the software settings. After proper wiring, perform the following steps:

1. Set the RS485 address of AUX485 from 1-15.
2. Inclusion of C2-260/inBio2-260 to software:

Open the ZKBioAccess Software. Click [Access] > [Device] > [Device] > [New], enter the relevant information, and then click [OK].

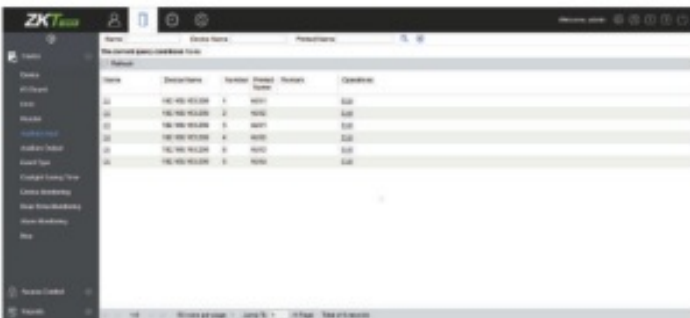


After adding successfully, the TCP/IP indicator of inBio2-260 flashes every two seconds, indicating the communication is normal.

3. Inclusion of AUX485 module to the software: Click [Device] > [I/O Board] > [New], enter the name and RS485 address of AUX485, and then click [OK].



4. Click [Device] > [Auxiliary Input] to view all the auxiliary inputs.



**Note:** For other specific operations, please refer to ZKBioAccess User Manual. 12

## Specifications

Model	C2-260
Number of Doors Supported by Default	2
Number of Auxiliary Inputs	2
Number of Auxiliary Outputs	2
RS485 Extension Port	1
RS485 Reader Port	1
Number of Readers Supported	4
Types of Readers Supported	RS485 card reader, Wiegand reader (WR485 )
DM10 (Single-Door Extension Board) (Optional)	Max. 8
AUX485 (RS485-4 Aux. IN Converter) (Optional)	2
WR485 (RS485-Weigand Converter) (Optional)	4
Card Capacity	30,000
Log Capacity	200,000
Communication	TCP/IP, RS458
CPU	32-bit 1.0GHz
RAM	64MB
Power	9.6V – 14.4V DC
Dimensions (L*W*H)	116.47*96.49*31.40 mm
Operating Temperature	-10°C to 50°C / 14°F to 122°F
Operating Humidity	20% to 80%

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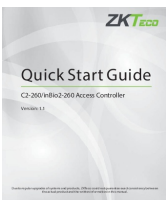
[www.zkteco.com](http://www.zkteco.com)



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## Documents / Resources

	<p><a href="#">ZKTECO C2-260/inBio2-260 Access Controller</a> [pdf] User Guide C2-260 inBio2-260, Access Controller, C2-260, inBio2-260 Access Controller, C2-260 inBio2-260 Access Controller</p>
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Manuals+.