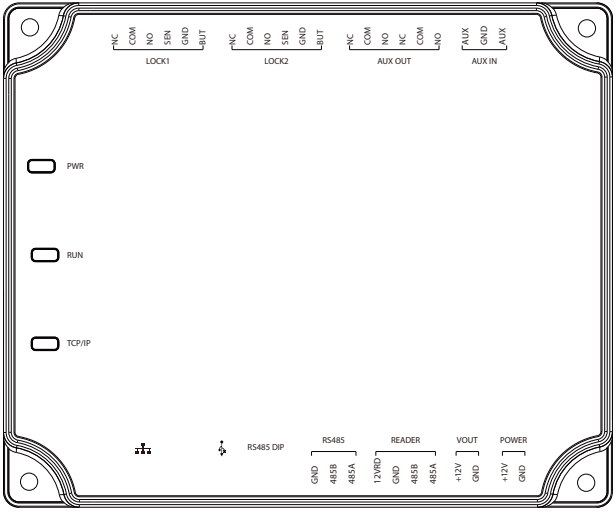
Quick Start Guide

C2-260/inBio2-260 Access Controller

Version: 1.1

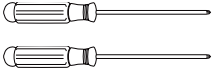
Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

What's in the Box

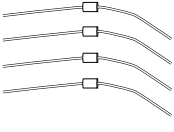


C2-260 / inBio2-260

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.

Do not expose to direct sunlight, water, dust and soot.

Do not place any magnetic objects near the product. Magnetic objects such as magnets, CRT, T V, monitors or speakers may damage the device.

Do not place the device near any heating equipment.

Prevent water, drinks or chemicals leaking into the device.

This product is not intended for use by children unless they are supervised.

Do not drop or damage the device.

Do not disassemble, repair or modify the device.

Do not use the device for any purpose other than those specified.

Remove dust or dirts regularly. While cleaning, wipe the dust off with a smooth cloth or towel instead of water.

Contact your supplier in case of any query.

Product PIN Diagram

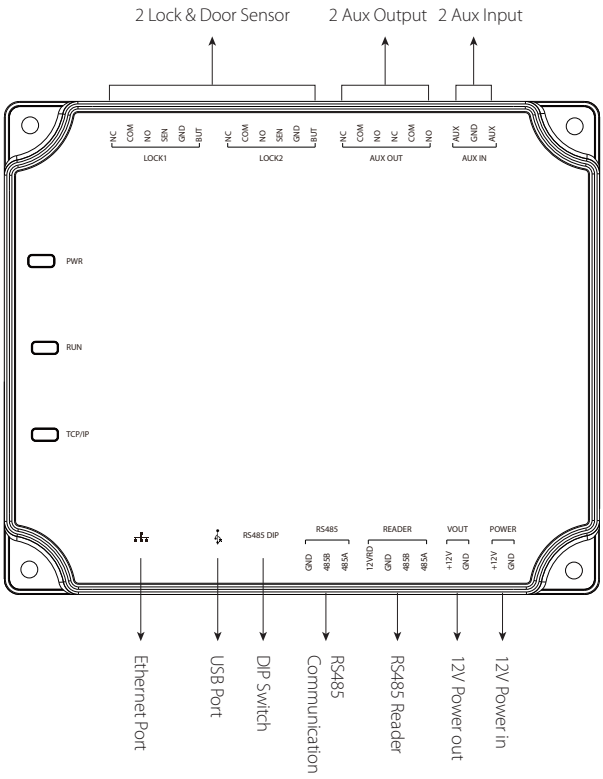


Figure 1

LED Indicators

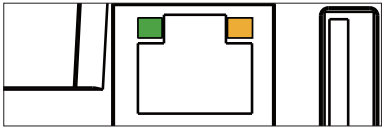


Figure 2

LINK Solid Green LED indicates TCP/IP communication is normal.

Flashing (ACT)Yellow LED indicates data communication is in progress.

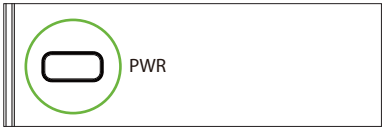


Figure 3

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

Figure 4

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

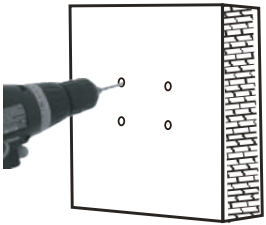
Figure 5

TCP/IP continuously flashing Yellow LED indicates data transmission.

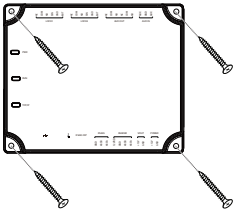
TCP/IP slowly flashing Yellow LED indicates real-time monitoring status.

Panel Installation

Wall Mounting



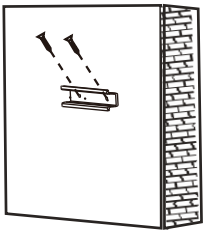
Step 1
Drill holes on the wall



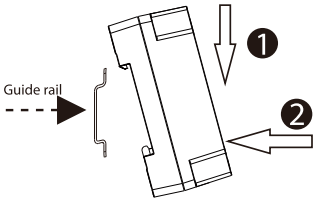
Step 2
Fix the device with four screws

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

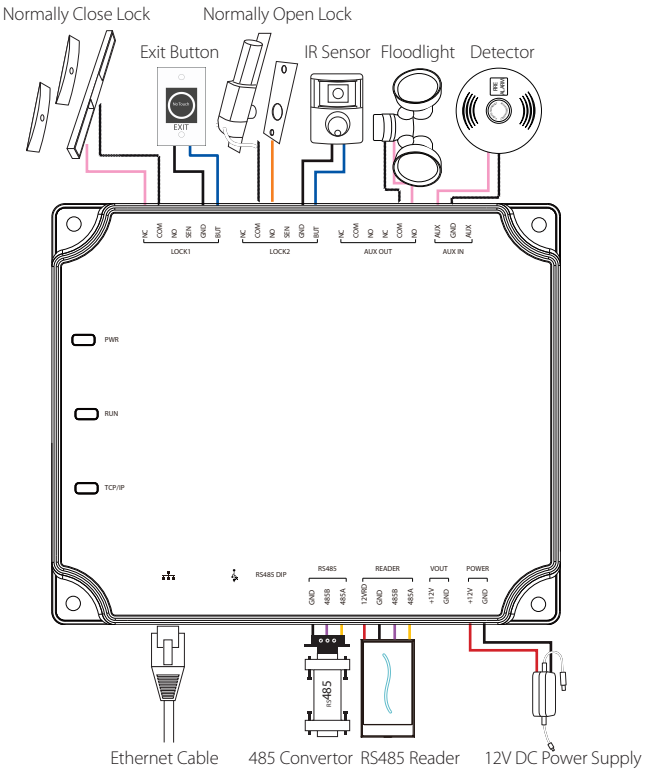


Figure 8

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

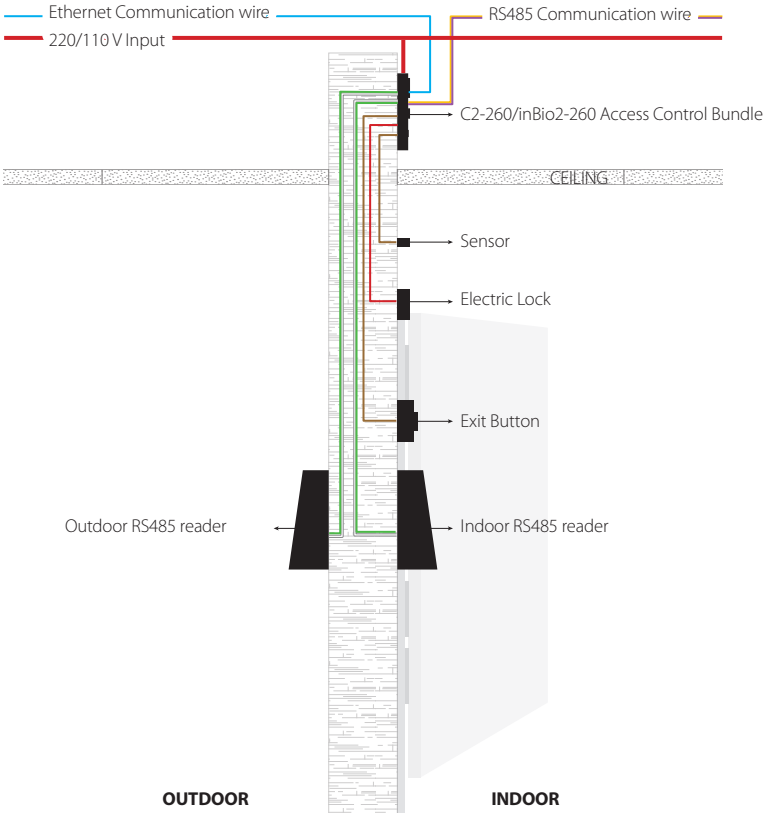
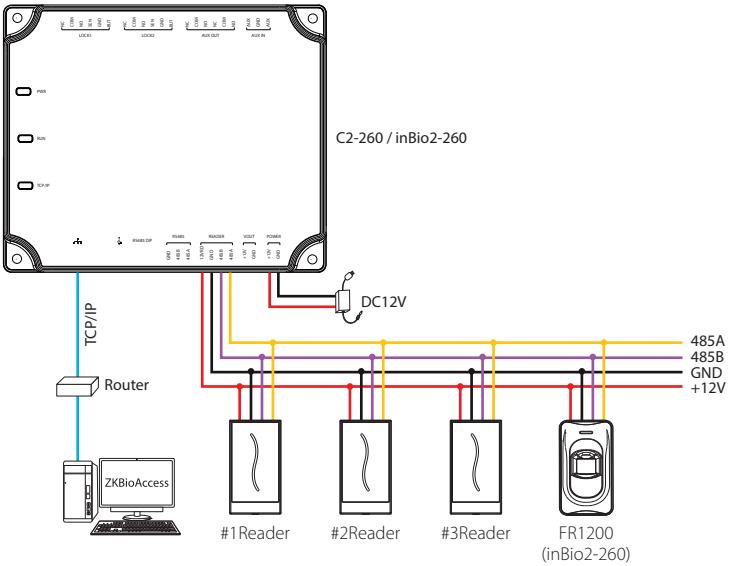


Figure 9

RS485 Readers Connection

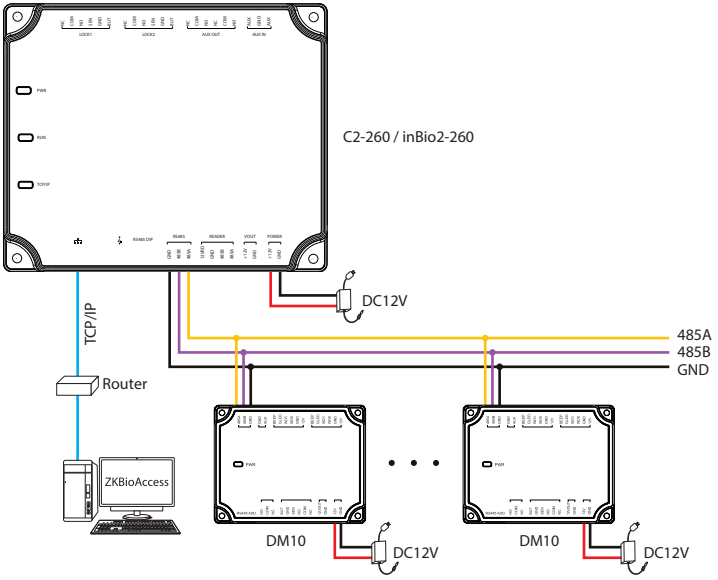


Note:

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

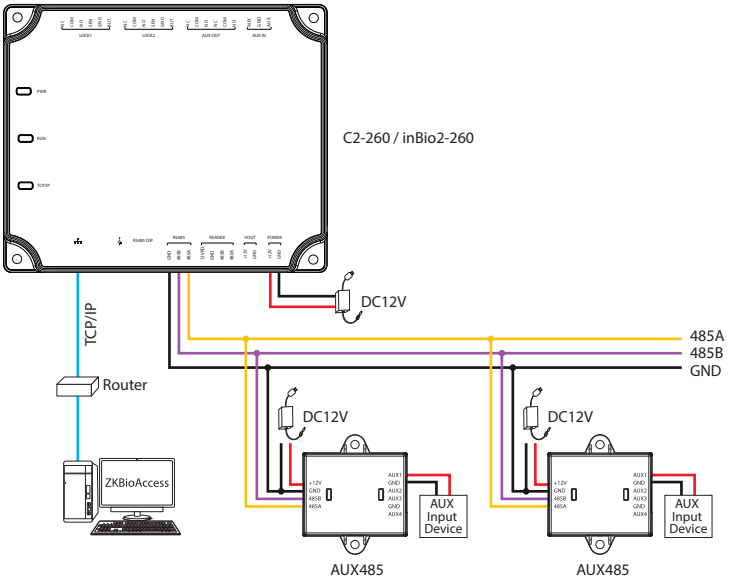
Connection with DM10



Note:

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

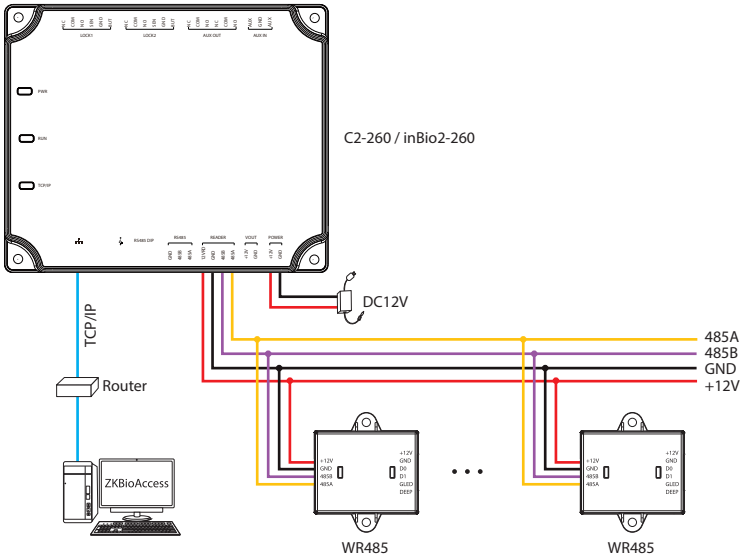
Connection with AUX485



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



Note:

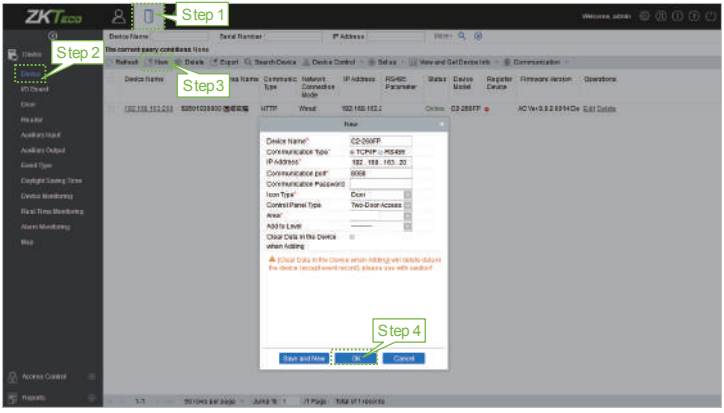
1. A C2-260/inBio2-260 can connect to maximum four WR485 modules.

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:

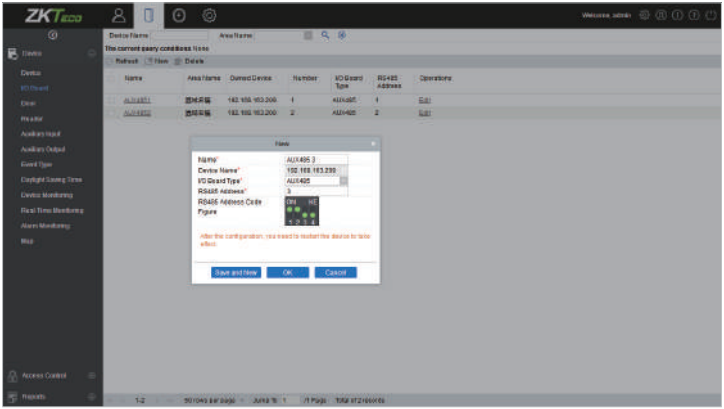
   Open the ZKBioAccess Software. Click [**Access**] > [**Device**] > [**Device**] > [**New**], enter the relevant information, and then click [**OK**].



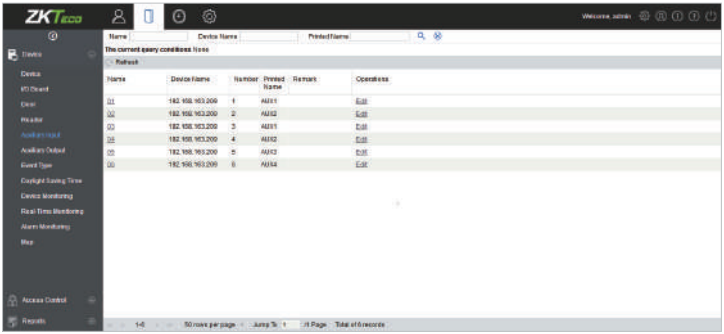
After adding successfully, the TCP/IP indicator of inBio2-260 flashes every two seconds, indicating the communication is normal.

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**.

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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