DM10 Quick Start Guide

Version:1.0   Date:2018.11

Appearance & Installation

1. Appearance

Auxiliary input   Wiegand reader

EXT RS485   Wiegand reader

Indicator LED

Auxiliary output   12V output

DIP switch   Lock   Power
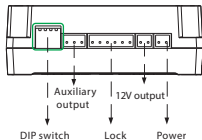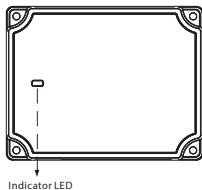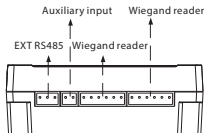
Status of indicator

Normal communication: the indicator flashes every two seconds.
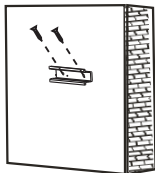
Abnormal communication: the indicator will be constant on.

The indicator flashes rapidly within 30s after the device is connected to the power supply.

| address	switch setting	address	switch setting
1	1 2 3 4 ↓ON	6	1 2 3 4 ↓ON
2	1 2 3 4 ↓ON	7	1 2 3 4 ↓ON
3	1 2 3 4 ↓ON	8	1 2 3 4 ↓ON
4	1 2 3 4 ↓ON	9	1 2 3 4 ↓ON
5	1 2 3 4 ↓ON	10	1 2 3 4 ↓ON

2. Installation

1) Fix the guide rail on the wall

2) Install the device

Guide rail
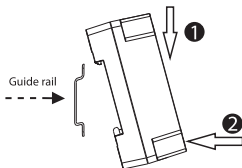
Wiring to Master Device

The DM10 has to be connected to F18(master device) in order to use the software.

GND
EXT
485+
485-

GND
485A
485B

DC12V

DC12V

DC12V

《《——》》

1   2   8

Router
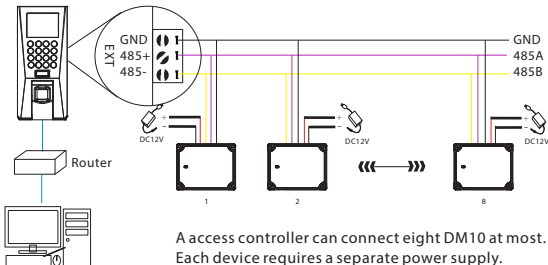
A access controller can connect eight DM10 at most.
Each device requires a separate power supply.

Quick Start

After wiring correctly, please follow the below settings.
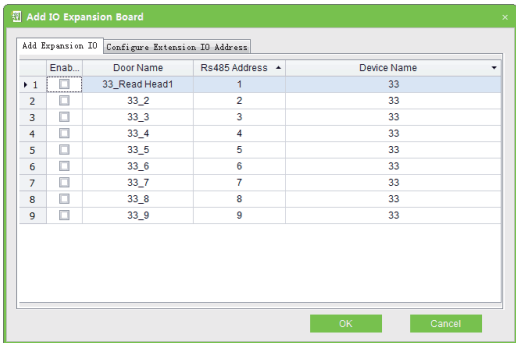
      1. Set RS485 address of DM10 as 2-9.

      2. Set F18 serial port as "host" ([COMM.]> [serial port]).

Step 1

Open ZKAccess3.5 software, click [Device]> [New], input the name and IP address of F18 , and then click [OK].

Step 2

Click [More…] > [Add IO Expansion Board] , check RS485 address of DM10, and then click [OK].

Add IO Expansion Board

	Enab...	Door Name	Rs485 Address ▲	Device Name ▼
▶ 1	☐	33_Read Head1	1	33
2	☐	33_2	2	33
3	☐	33_3	3	33
4	☐	33_4	4	33
5	☐	33_5	5	33
6	☐	33_6	6	33
7	☐	33_7	7	33
8	☐	33_8	8	33
9	☐	33_9	9	33

Add Expansion IO   Configure Extension IO Address

OK   Cancel

Progress

```
Add Door: 33_3Success!
DoorID=4        ID=4    Disable=0
Add Door: 33_4Success!
DoorID=5        ID=5    Disable=0
Add Door: 33_5Success!
DoorID=6        ID=6    Disable=0
Add Door: 33_6Success!
DoorID=7        ID=7    Disable=0
Add Door: 33_7Success!
DoorID=8        ID=8    Disable=0
Add Door: 33_8Success!
DoorID=9        ID=9    Disable=0
Add Door: 33_9Success!
```

The window will close after 5s   Stop Closing   Close

After successful configuration, the Indicator LED flashes every two 2 seconds, indicating communicate normally. After adding successfully, the parameters of the access control could be set, please refer to ZKAccess 3.5 user manual.