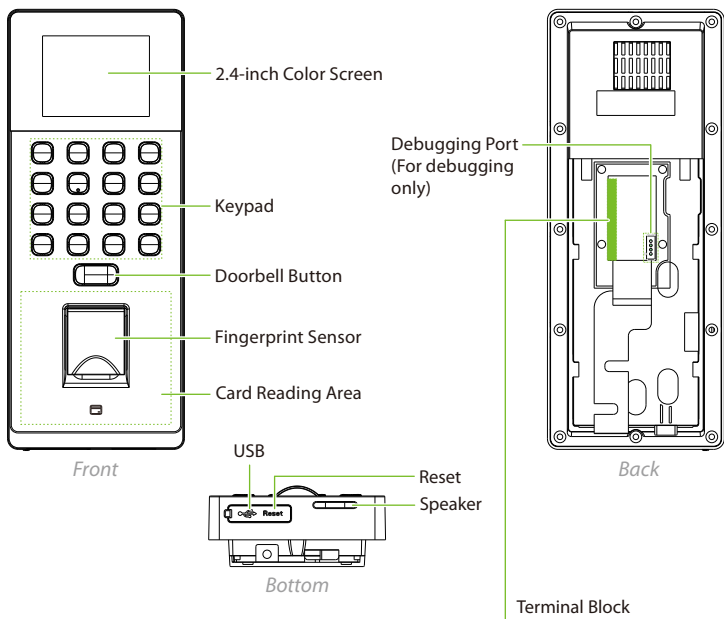


Quick Start Guide

F34 Lite

Version: 1.0

Overview



BELL+	BELL-	AL+	AL-
Bell & Alarm			
NO	COM	NC	BUT
Lock, Door Sensor, Exit Button & Auxiliary Input			
GND	SEN	AUX	
12V-OUT	GND	GND	WD0
Wiegand			
WD1			
485A	485B	GND	
RS485			



Installation Environment

Please refer to the following recommendations for installation.



KEEP DISTANCE



AVOID GLASS
REFRACTION



AVOID DIRECT
SUNLIGHT
AND EXPOSURE

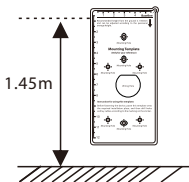


AVOID USE OF
ANY HEAT SOURCE
NEAR THE DEVICE

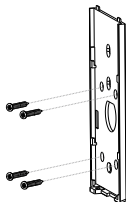
Device Installation

- ① Stick the mounting template sticker to the wall and drill holes according to the mounting template sticker.
- ② Fix the backplate on the wall using wall mounting screws.
- ③ Attach the device to the backplate.
- ④ Attach the device to the backplate with a security screw.

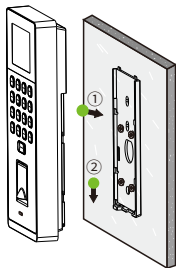
①



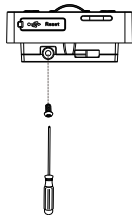
②



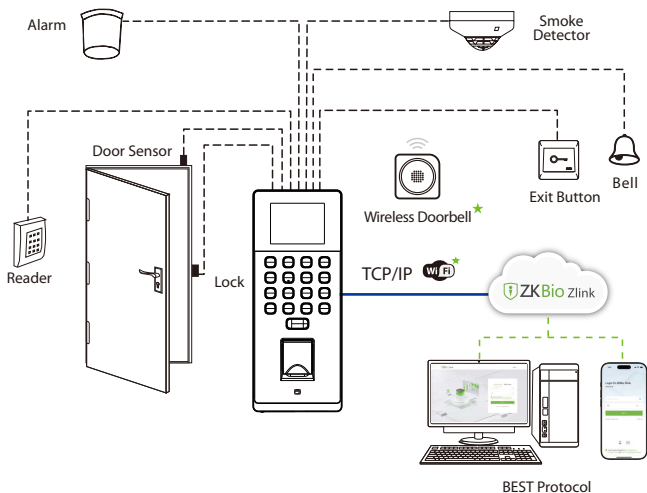
③



④



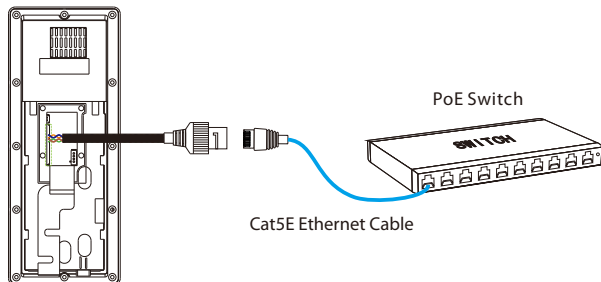
Standalone Installation



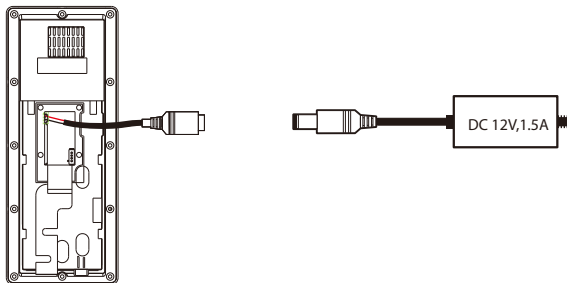
Note: Features and parameters with ★ mark are not available in all devices.

Power Connection

Method 1: PoE Connection★



Method 2: AC Adapter Connection

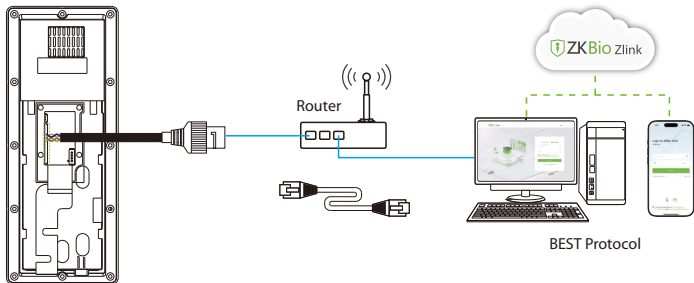


Recommended AC Adapter

- 1) 12V \pm 10%, at least 1500mA.
- 2) To share the power with other devices, use an AC Adapter with higher current ratings.

Ethernet Connection

Connect the device and computer software via an Ethernet cable. As shown in the example below:

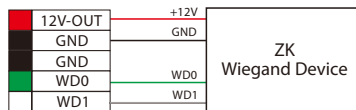
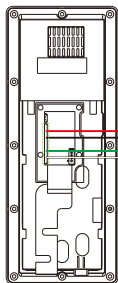


Enter **[COMM.]** > **[Ethernet]** to set the relevant parameters of network.

Note: 1) The device type is **BEST Protocol** by default. You can switch to T&A PUSH to connect to BioTime Cloud/ZKBio Time, or switch to A&C PUSH to connect to ZKBio CVAcess.

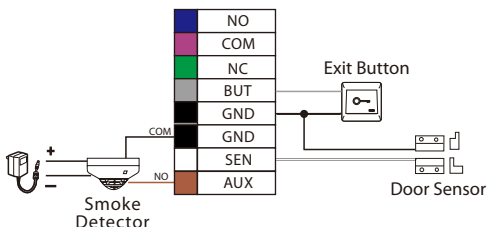
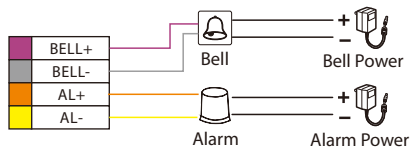
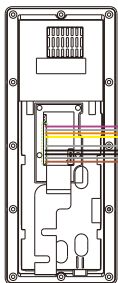
2) The device needs to access the external network when connecting to ZKBio Zlink / BioTime Cloud.

Wiegand Connection

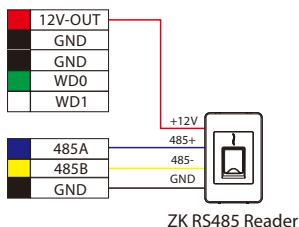
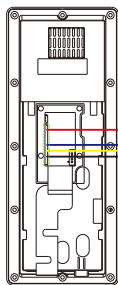


Note: The Wiegand interface is shared, and the user can choose to use either the Wiegand input or Wiegand output function to interface with different Wiegand devices.

Door Sensor, Exit Button, Alarm & Auxiliary Connection



RS485 Connection



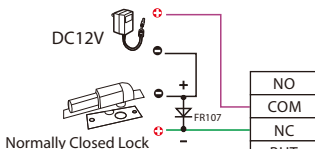
Lock Relay Connection

The system supports **Normally Opened Lock** and **Normally Closed Lock**. The **NO LOCK** (normally unlocks when power-on) is connected with 'NO' and 'COM' terminals, and the **NC LOCK** (normally locks when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:

1) Device not sharing power with the lock

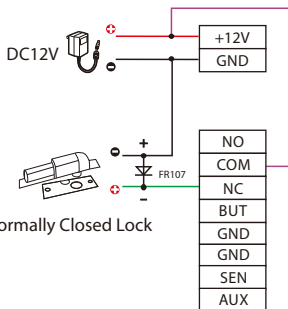


⚠️ Do not reverse the polarity.



⚠️ Maximum 30V 3A input.


2) Device sharing power with the lock

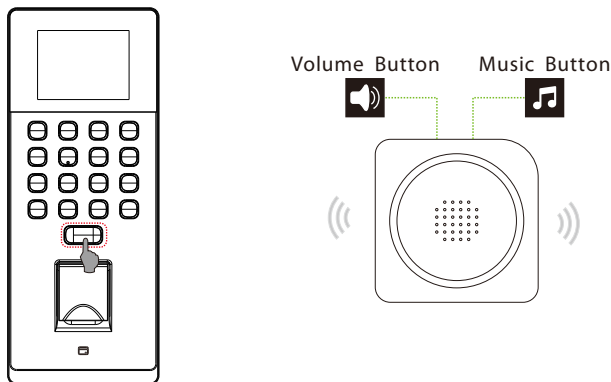


Note: Tested with an electric mortise lock rated at 0.35A or 0.65A and 12V. If the current exceeds these values, we recommend either conducting an actual test or using a 12V/3A AC adapter for compatibility.

Connect the Wireless Doorbell★

This function needs to be used with the wireless doorbell.

First, power on the wireless doorbell. Then, press and hold the music button  for 1.5 seconds until the indicator flashes to indicate it's in pairing mode. After that, press the doorbell button on the device, if the wireless doorbell rings and the indicator flashes, it means the pairing was successful.





After a successful pairing, press the doorbell button on the device will ring the wireless doorbell.

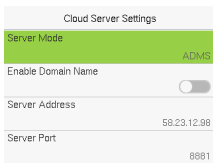
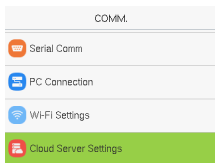
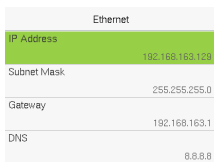
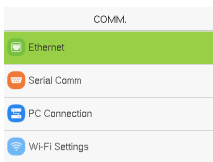
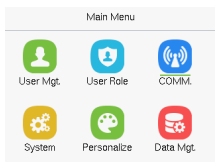
Note:

- 1) Each device only supports one wireless doorbell.
- 2) Wireless doorbell needs to be purchased by the customers themselves.

Ethernet and Cloud Server Settings

Press **[M/OK]** and enter **[COMM.] > [Ethernet]** to set the network parameters. If the TCP/IP communication of the device is successful, the icon  will be displayed in the upper right corner of the standby interface.

Press **[M/OK]** and enter **[COMM.] > [Cloud Server Settings]** to set the server address and server port. For example, set the IP address and port number of the server after the software is installed. If the device communicates with the server successfully, the icon  will be displayed in the upper right corner of the standby interface.



Note:


- 1) The **Cloud Server Settings** menu only appears when the device type is **PUSH Protocol**.
- 2) During the process of pairing the device with the ZKBio CVAccess/ZKBio Time software.

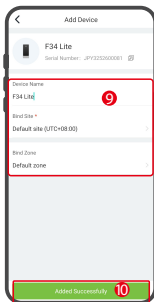
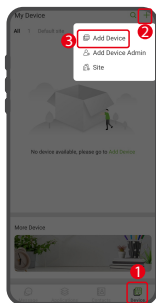
Server Address: Set as the IP address of the ZKBio CVAccess/ZKBio Time server.

Server Port: Set as the Adms service port of ZKBio CVAccess/ZKBio Time.

- 3) When pairing the device with the BioTime Cloud software, you need to enable Domain Name and enter the correct server address.

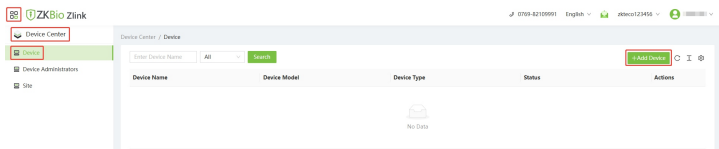
Connect to ZKBio Zlink App

1. Access the ZKBio Zlink App and click on **[Device]** > **+** icon > **[Add Device]** > **[Access Control]** > **[Access Control Terminal]**. (See diagram step 1, 2, 3, 4, 5)
2. Click  icon to scan the QR code on the device. Then click **[Search Device]**. (See diagram step 6, 7)
3. Enter the device name and specify the device to a site and zone. Click **[Added Successfully]** to complete the addition. At the same time, the device voice prompts **"Device is added successfully"**. (See diagram step 8, 9)
4. Once successfully added, the device is displayed in the list of the device interface. (See diagram step 10, 11)

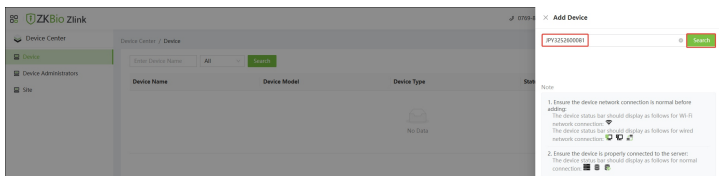


Connect to ZKBio Zlink Web

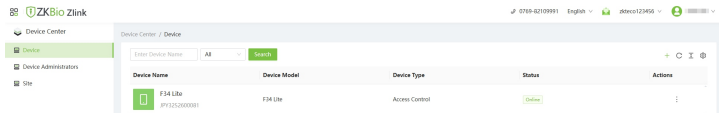
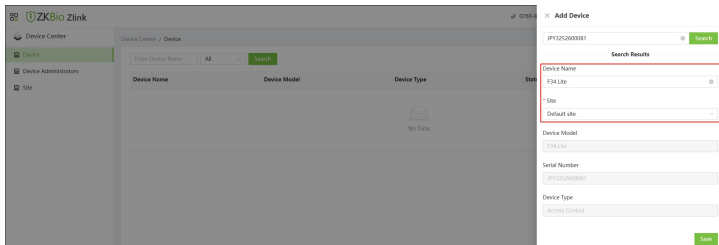
1. Access the ZKBio Zlink Web and click the  icon on the top left corner, and click **[Device Center] > [Device] > [+Add Device]** to enter the Add Device interface.



2. Enter the Serial Number of the device and click **[Search]**.



3. Then enter the device name and specify the device to a site. Click **[Save]** to complete the addition.



For other specific operations, please refer to the *ZKBio Zlink User Manual*.

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