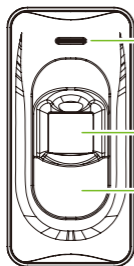


Quick Start Guide

FR1200

Version: 1.0

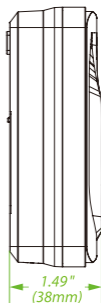
1. Overview



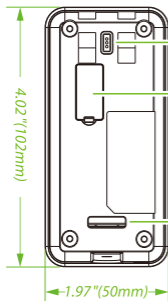
LED Indicator

Fingerprint Sensor

Card Reading Area



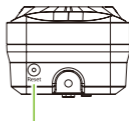
1.49"
(38mm)



Speaker

DIP Switch

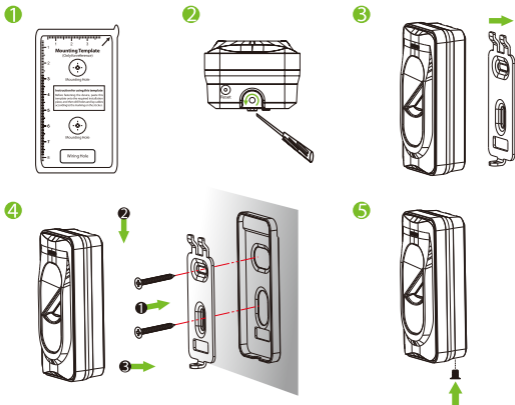
Terminal Block



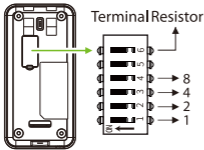








Reset Switch

2. Device Installation

- 1) Attach the mounting template sticker to the wall, and drill holes to the mounting paper.
- 2) Remove the screw on the bottom of the device.
- 3) Take away the back plate.
- 4) Fix the plastic pad and the back plate on the wall according to the mounting paper. Then snap the device onto the back plate.
- 5) Tighten the screw on the bottom, fix the device to the back plate.



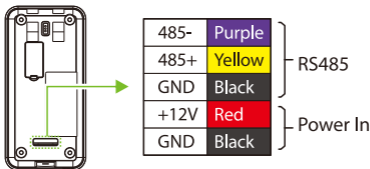
3. DIP Switch Settings

DIP Switch	Address	Switch Settings	Address	Switch Settings
	1		5	
	2		6	
	3		7	
	4		8	

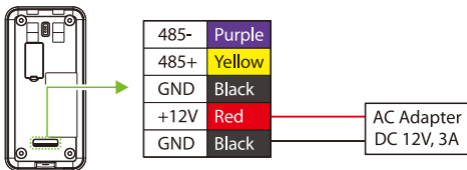
Important Notes:

1. There are six DIP switches on the back of FR1200. Switches 1-4 is for RS485 address, switch 5 is reserved, switch 6 is for reducing noise on long RS485 cable.
2. The FR1200 supports OSDP(Ver2.1.7) and ZK-RS485 communication protocols, enabling seamless integration with ZKTeco's advanced access control systems, such as the InBio Pro Plus series and other fingerprint terminals.
3. If the cable length is more than 200 meters or 600 ft, the number 6 switch should be ON.

4. Terminal Block

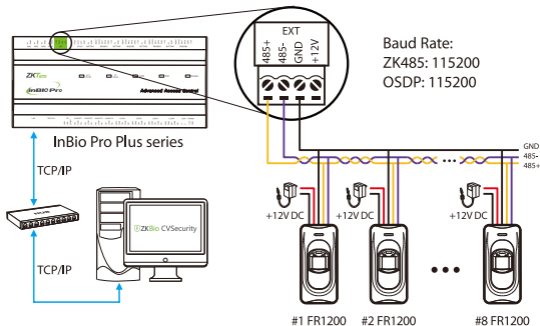


5. Power Connection



- Recommended AC adapter: **12V, 3A**
- To share power with other devices, use an AC adapter with higher current ratings.

6. Controller Connection



Notes:

1. One InBio Pro Plus can connect to maximum of eight readers.
2. Set the RS485 addresses of each FR1200 by the DIP switch before power is supplied.
3. Each FR1200 reader requires a separate power supply.
4. FR1200 reader supports ZKFingerprint V10.0 (Default)/ V13.0 algorithm version, adaptive host controller, host can switch to select the fingerprint algorithm version.

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