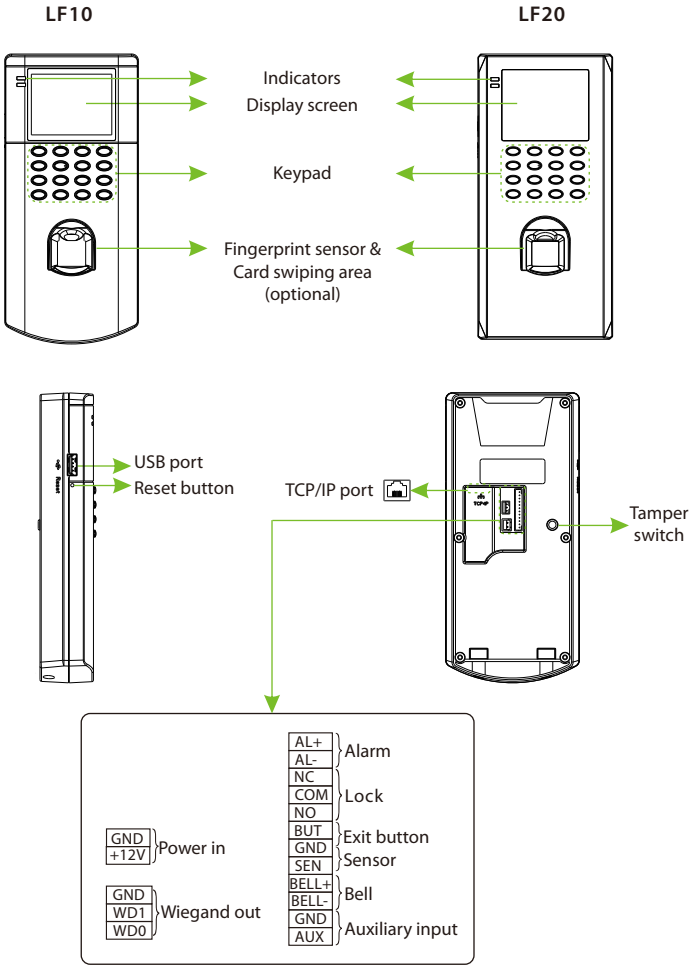
Quick Start Guide

LF10/20

Version: 1.0
Date: June 2019

Overview


LF10
LF20
Indicators
Display screen
Keypad
Fingerprint sensor &
Card swiping area
(optional)
USB port
Reset button
TCP/IP port
Tamper
switch
AL+
AL-
Alarm
NC
COM
NO
Lock
BUT
GND
Exit button
SEN
Sensor
BELL+
BELL-
Bell
GND
AUX
Auxiliary input
GND
+12V
Power in
GND
WD1
WD0
Wiegand out

Device Installation

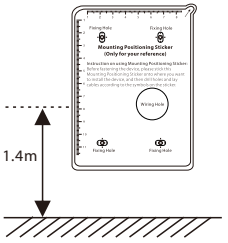
Please insert the cable into the terminal before installation.

① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.

② Fix the back plate on the wall using wall mounting screws. Attach the device to the back plate.

③ Fasten the device to the back plate with a security screw.

1



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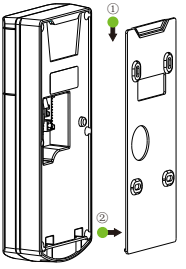
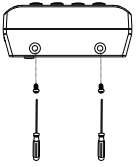
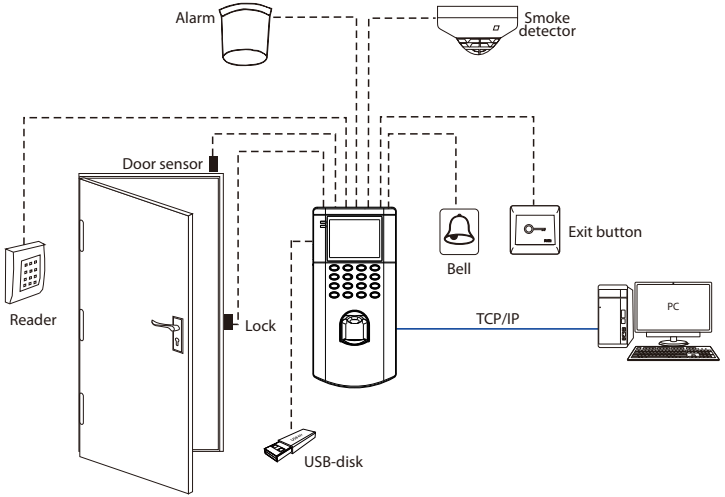


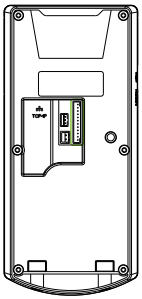
3

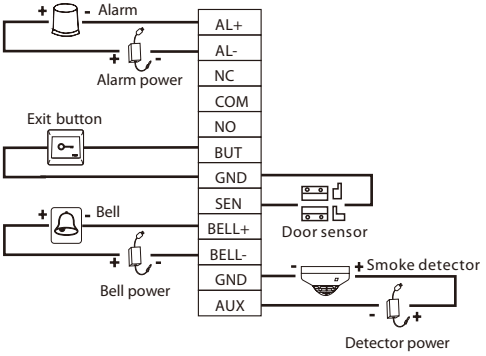


Standalone Installation



Door Sensor, Exit Button, Alarm & Bell Connection

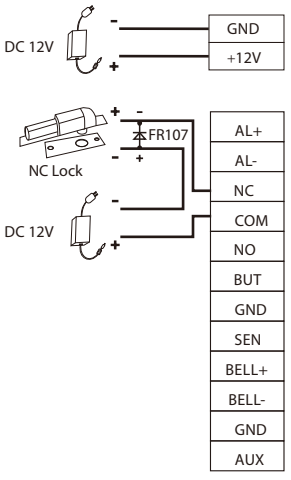




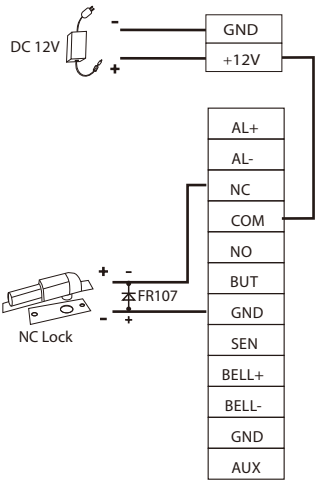
Lock Relay Connection

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

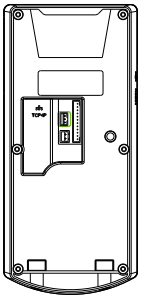
1) Device not sharing power with the lock

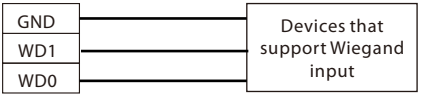


2) Device sharing power with the lock



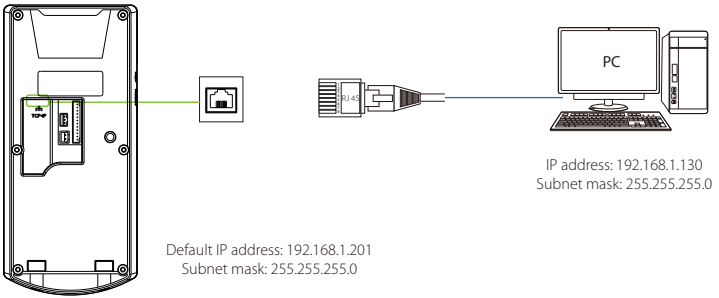
Wiegand Output Connection





The device provides standard Wiegand26 output that can be used as a reader.
Note: Whether it is powered by the access controller or not, it should connect the GND port with the access controller to ensure stable Wiegand transmission.

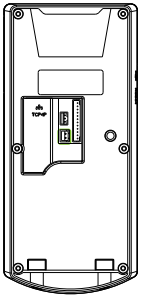
Ethernet Connection

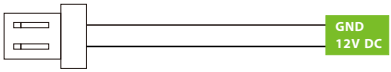


Press **M/OK** to enter the main menu, and select [COMM.] > [Ethernet] > [IP Address], input the IP address and click [OK].

Note: In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to computer software.

Power Connection





Recommended power supply

1) Rating of 12V and 1.5A
2) To share the power with other devices, use a power supply with higher current ratings.

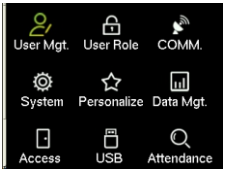
Quick Start

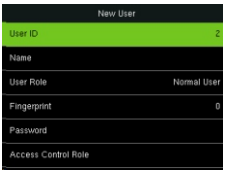
User Registration → User Authentication → Verified → View Records

❖ User Registration

When there is no super administrator set in the device, press **M/OK** to enter the main menu. After setting the super administrator, the system will request for the administrator's verification before entering the menu. For the security purpose, it is recommended to register a super administrator at the first time you use the device.

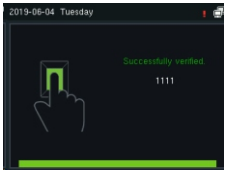
Press **M/OK** to enter the main menu, select [User Mgt.] > [New User] to register a new user. Settings include entering user ID and name, registering fingerprint, badge (optional) and password, setting user role and access control role.

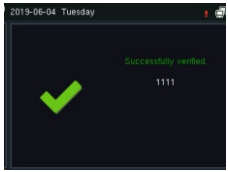


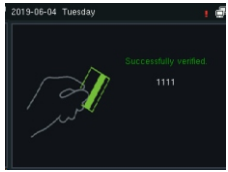


❖ User Authentication

Press the fingerprint/enter the password/swipe the card (optional) on the device. After successful verification, the interface is shown in the figure below.





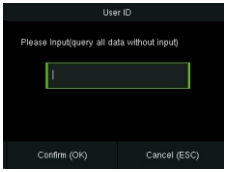


Verification is successful

❖ View Records

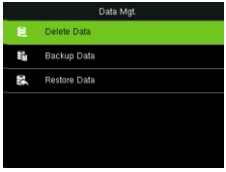
View records on the device

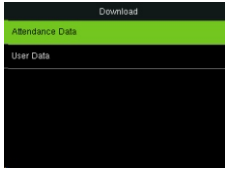
Press **M/OK** to enter the main menu and select [Attendance Search] to enter the record query interface. Input the user ID and select the time range, press **M/OK** to query.



Download data by USB-disk

Press **M/OK** to enter the main menu and select [USB Manager] > [Download]. Insert the USB-disk into the USB port of the device, and download the attendance data or user data on the device.





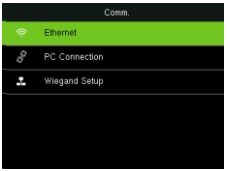
View records on the software

1. Connect the device to the network.
2. Login to the ZKAccess3.5 software.
3. Add the device on the software. Download the device records. Then you can click [Report] to view the records.

Note: For specific operation of ZKAccess3.5 software, please refer to ***ZKAccess3.5 Security System User Manual***.

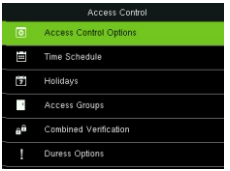
Ethernet Settings

Press **M/OK** to enter the main menu and select [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.



Access Control Settings

Press **M/OK** to enter the main menu and select [Access Control] to enter the access control management interface and set relevant parameters of access control.



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