ZKTeco G4 Multi-Biometric Identification Terminal User Guide

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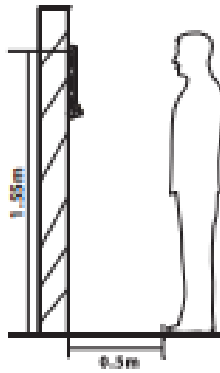
ZKTeco G4 Multi-Biometric Identification Terminal

Safety Precautions

Before installation, please read the following precautions carefully to prevent risks and dangers to this product, users, and any other person.

- 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, TV, monitors or speakers may damage the device.
- Do not place the device next to any heating equipment.
- Prevent water, drinks, or chemicals from 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 dirt regularly. While cleaning, wipe the dust off with a
- smooth cloth or towel instead of water.
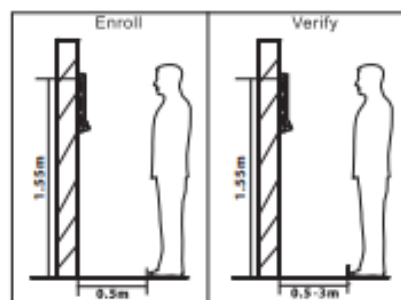- Contact your supplier in case of any problem!

Recommended distance

For users with a height from 1.5m to 1.8m, the recommended device height is 1.55m. It can be adjusted and installed according to the users' average height.
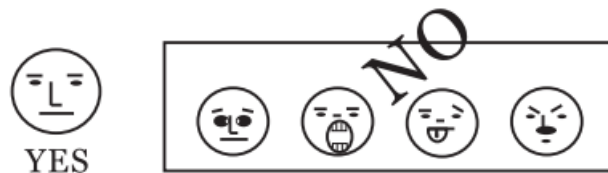
The recommended position

The registration and verification position of the device should not be changed to avoid affecting the verification accuracy. If it is necessary to move the device, then move it horizontally and keep the vertical height same.
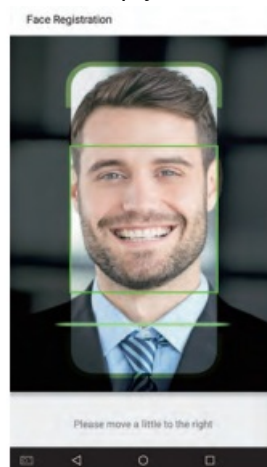
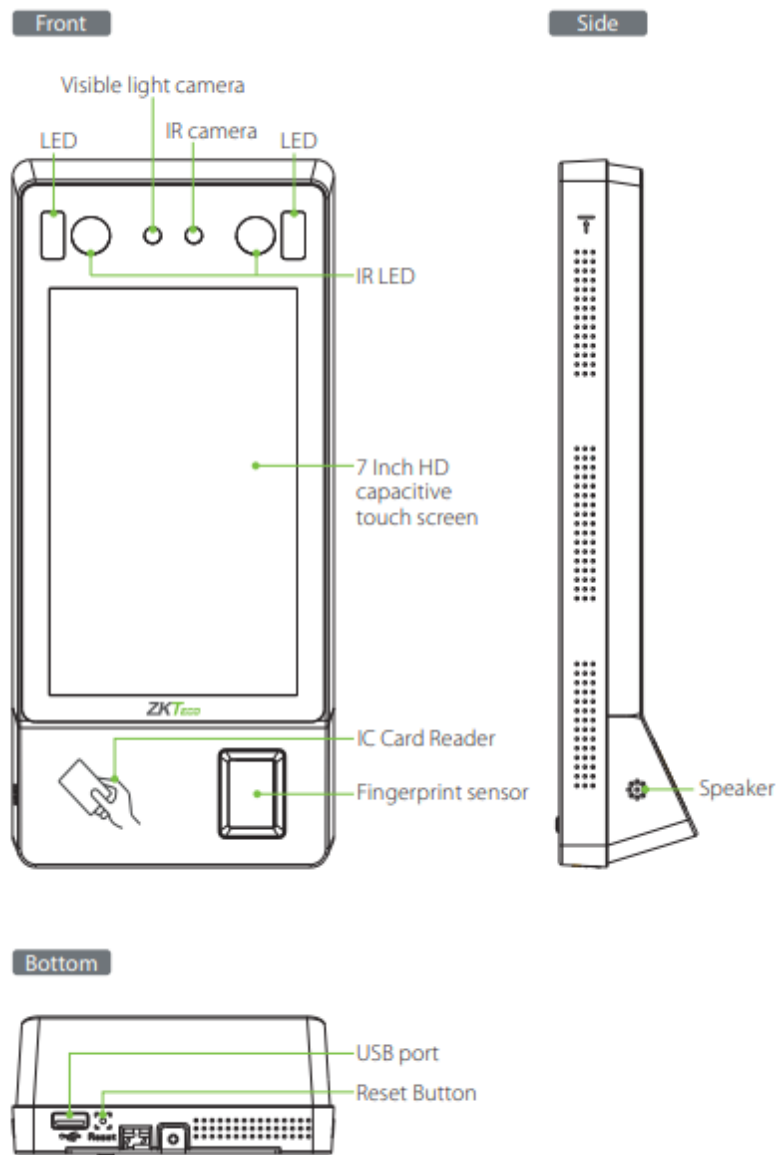

The recommended and not-recommended facial expressions:
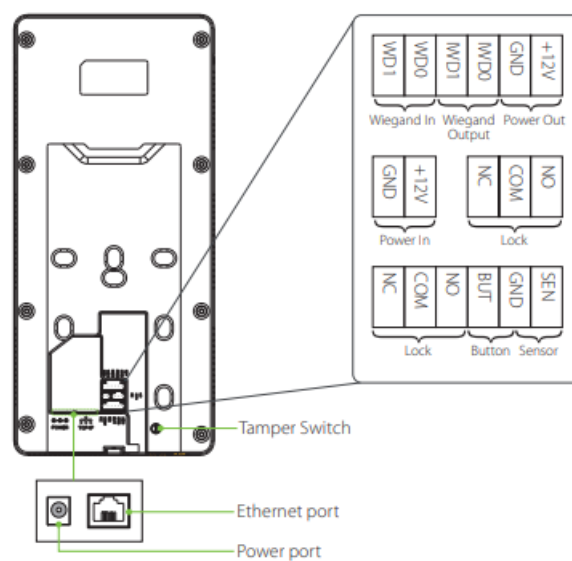

Registration

During registration, please adjust your position and keep your face inside the green frame.
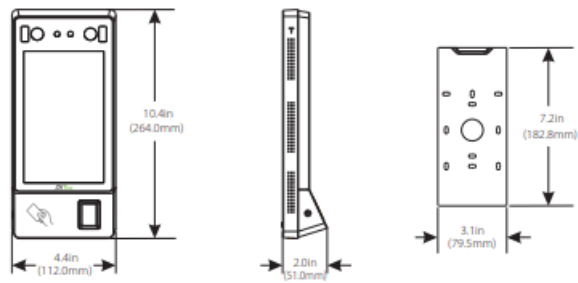

Device Overview

Front

- Visible light camera
- LED
- IR camera
- LED
- IR LED
- 7 Inch HD capacitive touch screen
- IC Card Reader
- Fingerprint sensor

Side

- Speaker

Bottom

- USB port
- Reset Button

Product PIN Diagram

WD1	WD0	IWD1	IWD0	GND	+12V
Wiegand In		Wiegand Output		Power Out	

GND	+12V		NC	COM	NO
Power In			Lock		

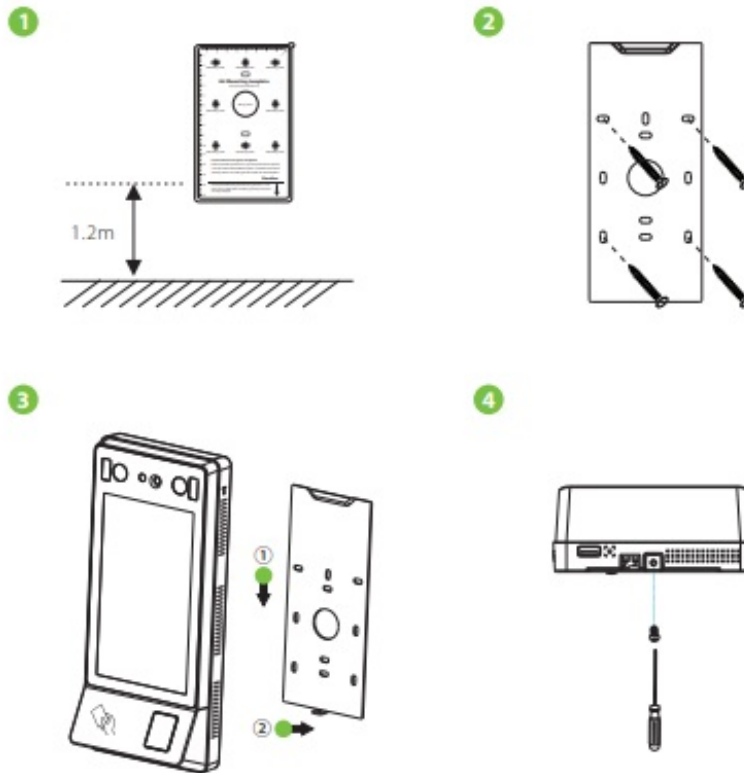| NC	COM	NO	BUT	GND	SEN
Lock			Button		Sensor

- Tamper Switch
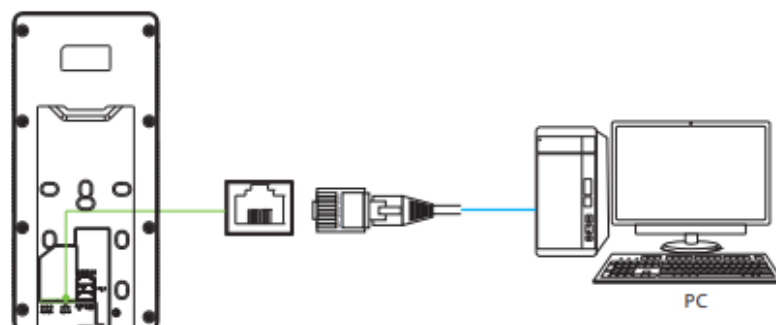- Ethernet port
- Power port

Product Dimensions

Mounting the device on wall

- Paste the mounting template sticker onto the wall, and drill holes according to it.
- Fix the back plate to the wall with wall mounting screws.
- Attach the device to the back plate.
- Fasten the device to the back plate with a security screw.
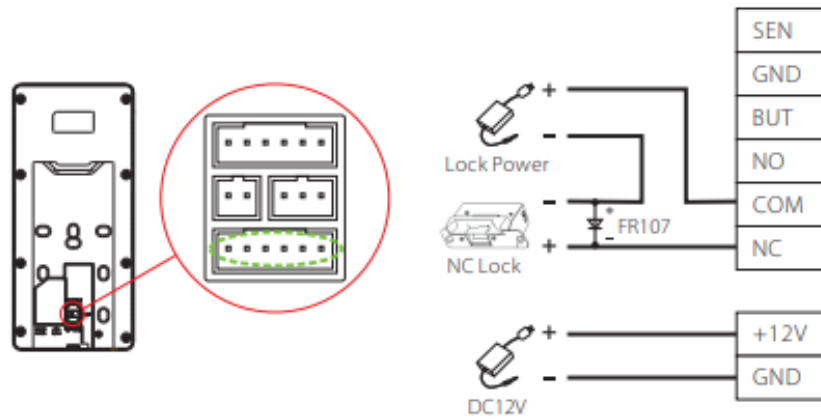
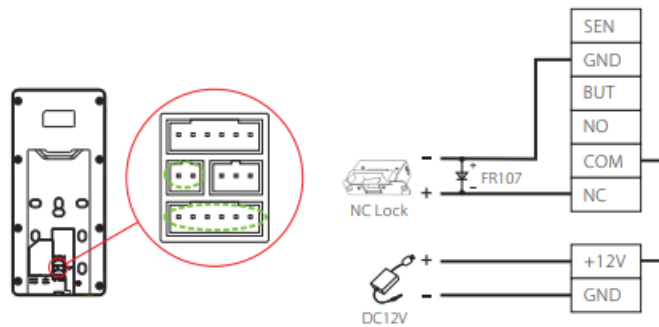## Ethernet & Power Connection

LAN Connection

Power Connection

The system supports Normally Opened Lock and Normally Closed Lock. The diagrams shown hereafter represents Normally Closed Lock.

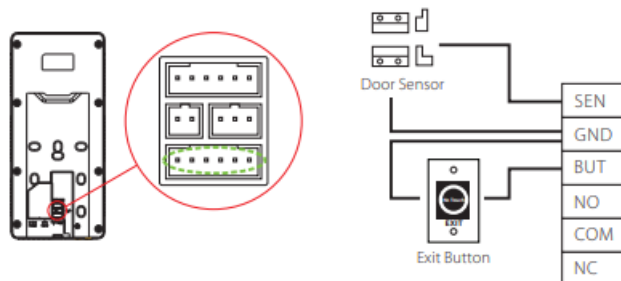**Device not sharing power with the lock is shown below:**

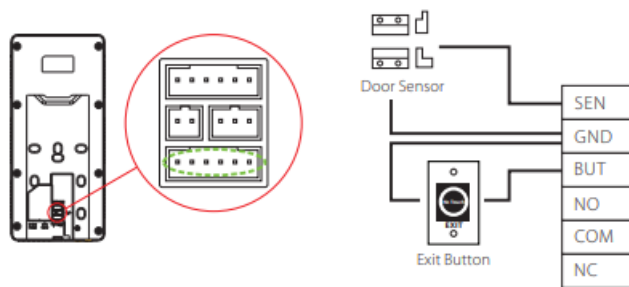**Device sharing power with the lock is shown below:**
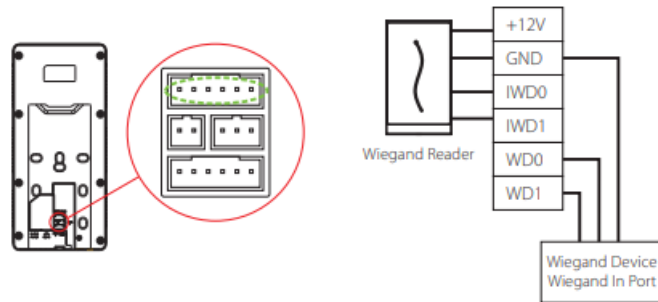

Connecting Other Devices

Button & Sensor Connection

Alarm Connection

Door Sensor

SEN
GND
BUT
NO
COM
NC

Exit Button

Wiegand Connection

Wiegand Reader

+12V
GND
IWD0
IWD1
WD0
WD1

Wiegand Device
Wiegand In Port

Standalone Installation

Option A

PC

Option B

PC

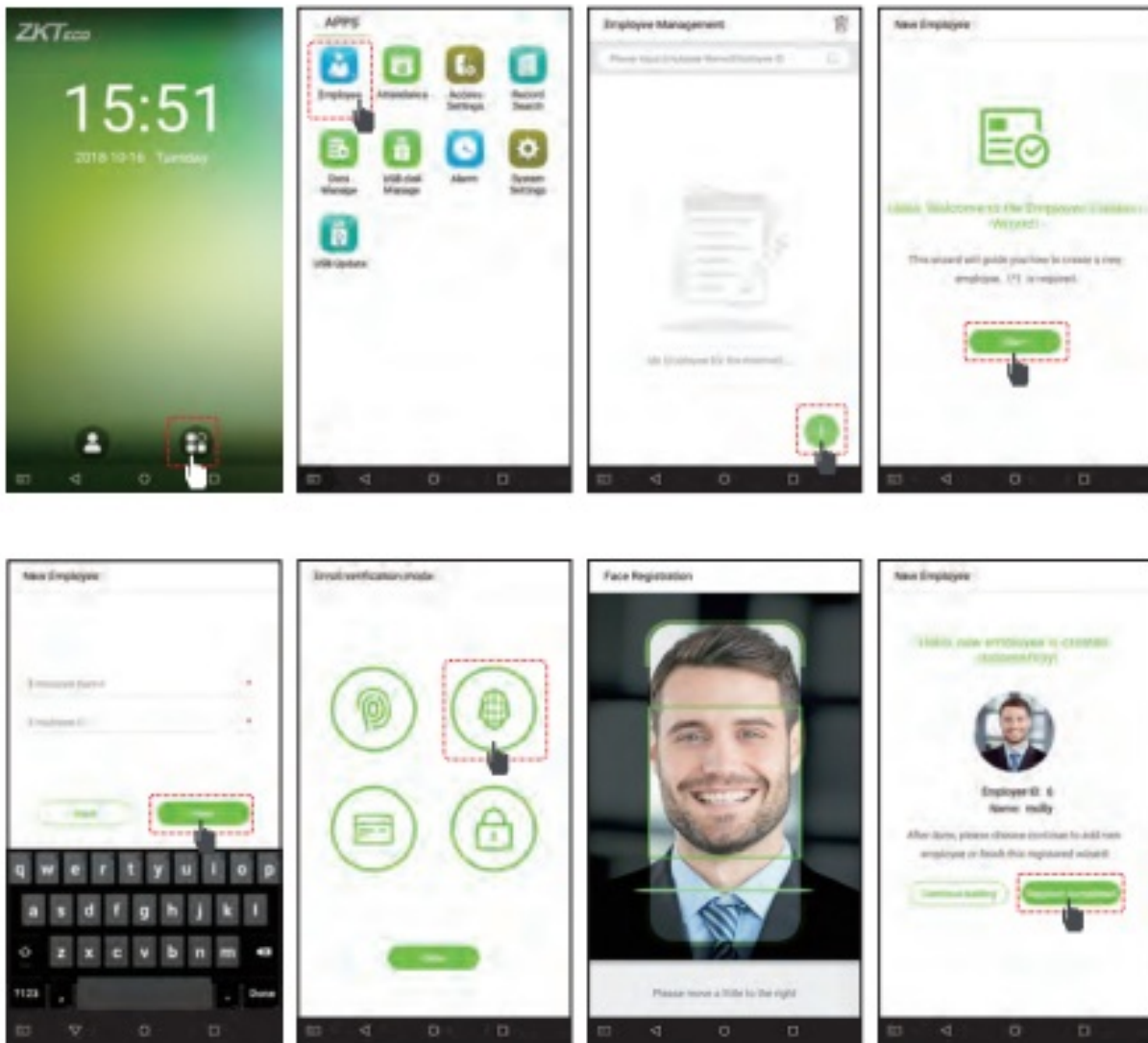TCP/IP

WAN

WiFi

SWITCH

Alarm

Door Sensor

Lock

No Touch

EXIT

Exit Button

Menu Functions

Enroll New User

Go to Main Menu > Employee Management > > New Employee > Enroll verification mode. Settings include entering Employee Name, ID, choosing User Role (Normal User is not authorized to operate the menu options of the device. Super Admin can operate all the menu options of the device), registering Fingerprint, Face Registration, Enroll Badge Number (ID and Mifare card are optional) and setting Password,.
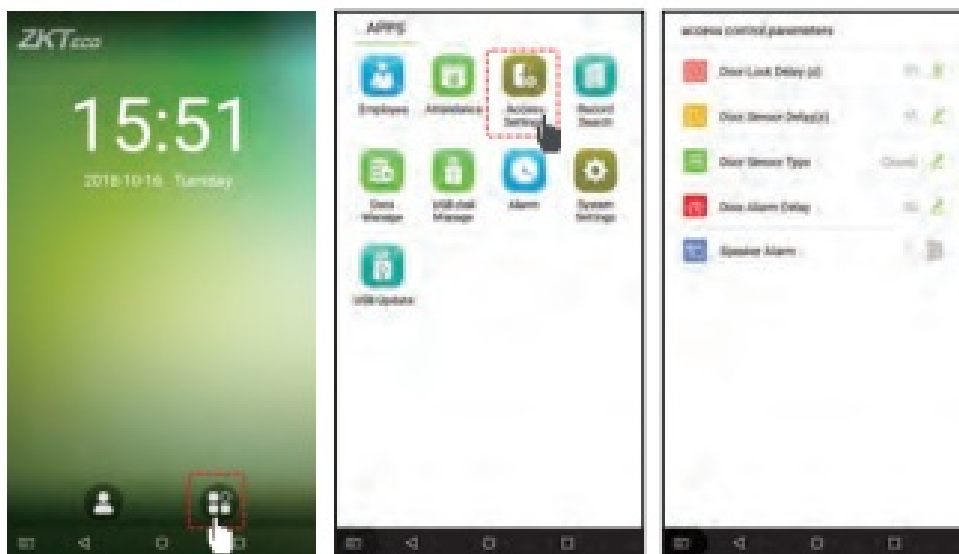
Access Settings

Go to Main Menu > Access Settings > Access control parameters to enter Access control parameters setting interface.

Network Settings

Go to Main Menu > System Settings > Network Settings, set the IP Address. The device will communicate with PC via the Ethernet parameters. Using Cloud Service Settings sets Server Address and Server port according to the server.
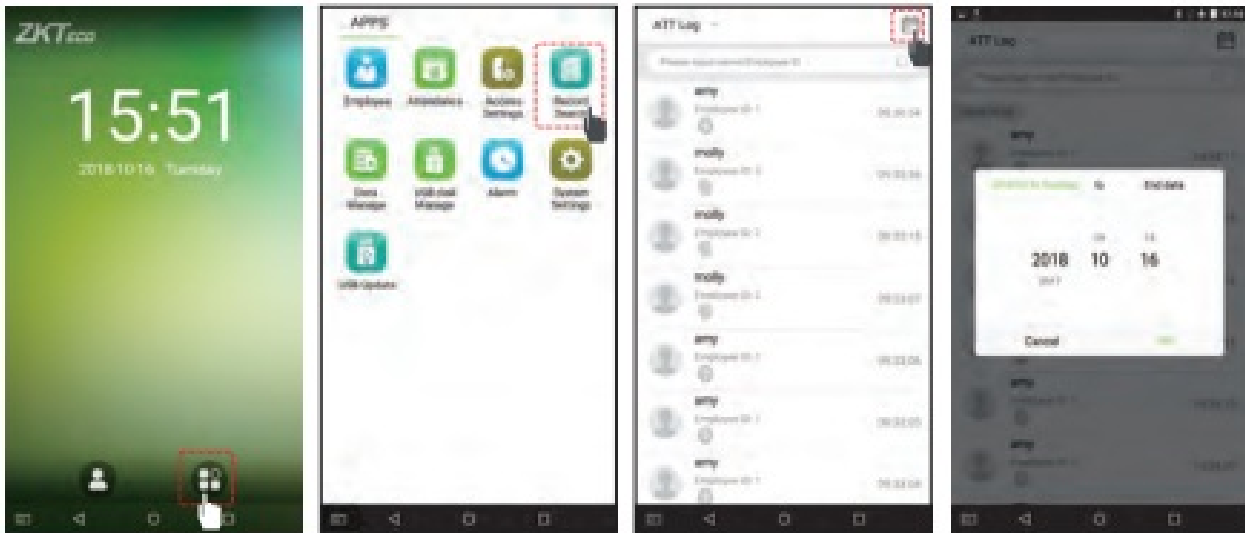
Network Settings

Go to Main Menu > System Settings > Network Settings, set the IP Address. The device will communicate with PC via the Ethernet parameters. Using Cloud Service Settings sets Server Address and Server port according to the server.

Record Search

View records in the device: Go to Main Menu > Record Search > Att Log enter Name or Employee ID (if user ID field is left blank, records of all users will be displayed) > select Time Range > press OK, the corresponding attendance logs will be displayed. View records on computer: Go to Main Menu> USB disk Management > USB disk Download. Insert the USB disk correctly and download the data to the USB drive, then copy this data from the USB drive to your PC. The downloaded data filename will be "Device Serial Number.dat", you can open and view it.

Date and Time Settings

Go to Main Menu > System Settings > Date and Time, to enter Date and Time setting interface.

Troubleshooting

1. Fingerprint cannot be detected or it takes too long.
2. Failed to gain access after successful verification.
3. Door does not open after successful verification.

Documents / Resources

	ZKTeco G4 Multi-Biometric Identification Terminal [pdf] User Guide G4, Multi-Biometric Identification Terminal
	ZKTeco G4 Multi-Biometric Identification Terminal [pdf] User Guide G4, Multi-Biometric Identification Terminal, G4 Multi-Biometric Identification Terminal
	ZKTeco G4 Multi-Biometric Identification Terminal [pdf] User Guide G4, Multi-Biometric Identification Terminal, G4 Multi-Biometric Identification Terminal

References

- **ZKTeco | Home Page**