Quick Start Guide

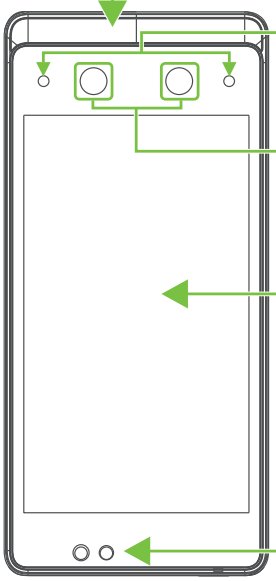
HORUS

Version: 1.2
Date: November 2019

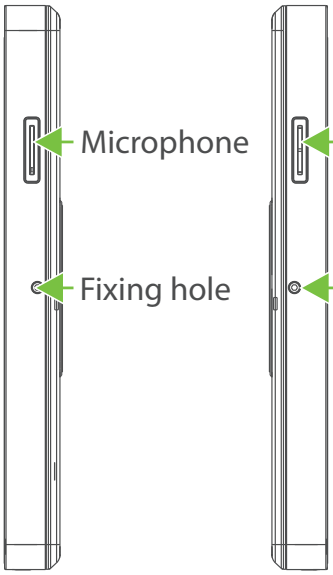
Fiche technique fournie par CONVXA · www.convxa.com ·

Device Overview

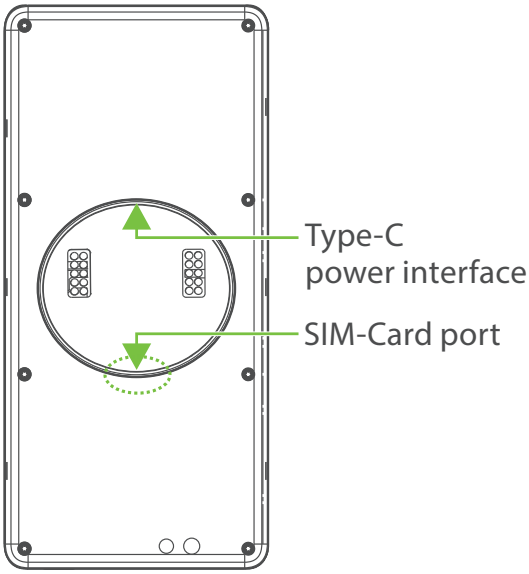
Front



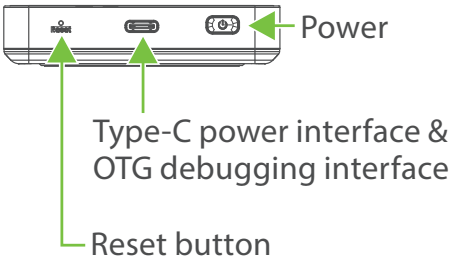
Side



Rear

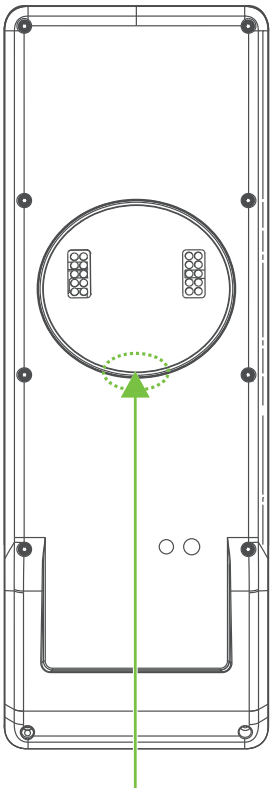


Bottom



Fingerprint & RFID (Optional) ★

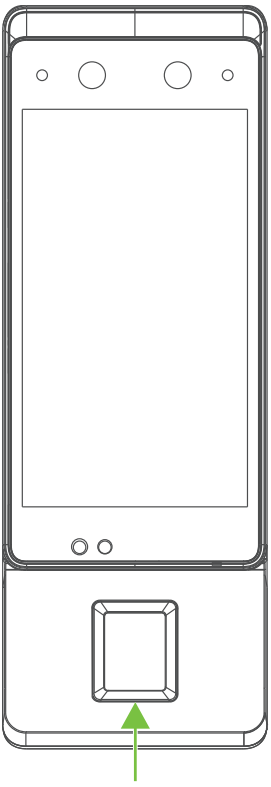
Rear



TCP/IP and RS485 extend port ★

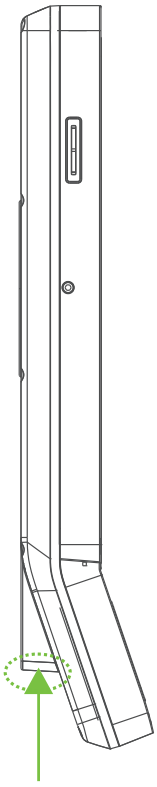
(Horus E1-RFID, Horus E1-FP has the port)

Front



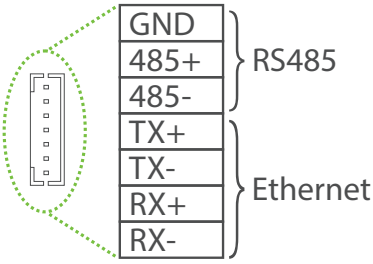
Fingerprint Sensor & ID/MF Card read area ★

Side

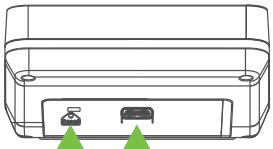


Bottom*

Port Connection



Bottom *



Type-C power interface

Reset Button

Note:

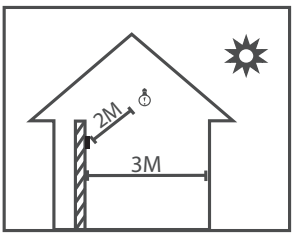
1. The port on the back is used to DM10(RS485) and TCP/IP connection;
2. Not all the devices have the function with ★, the real product prevails.

Fiche technique fournie par CONVXA · www.convxa.com ·

Device Installation

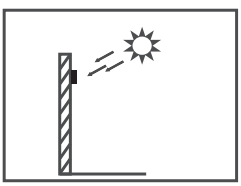
1. Installation Environment

a. Recommended location

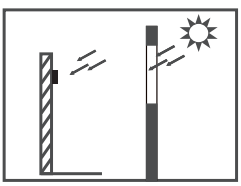


Install the device indoors at least 10 feet (3m) away from window, and 6.5 feet (2m) from light source. It is not recommended to install on the windows or in outdoor.

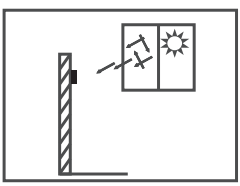
b. Not recommended locations



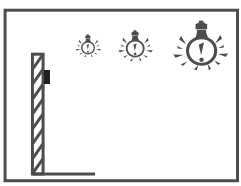
Direct Sunlight Outdoor



Direct Sunlight through window



Indirect Sunlight through window

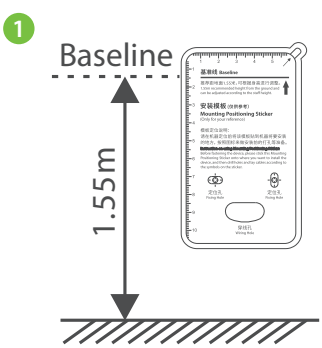


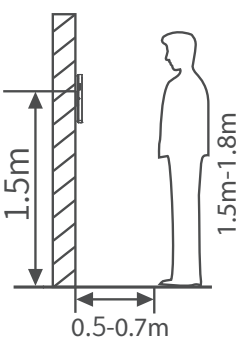
Too close to light source

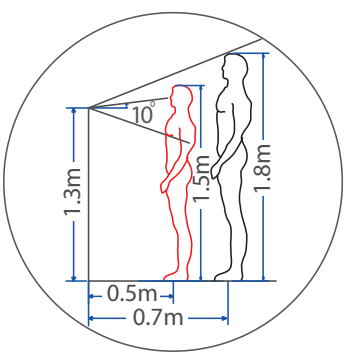
2. Installation Steps

a. Mounting on the wall

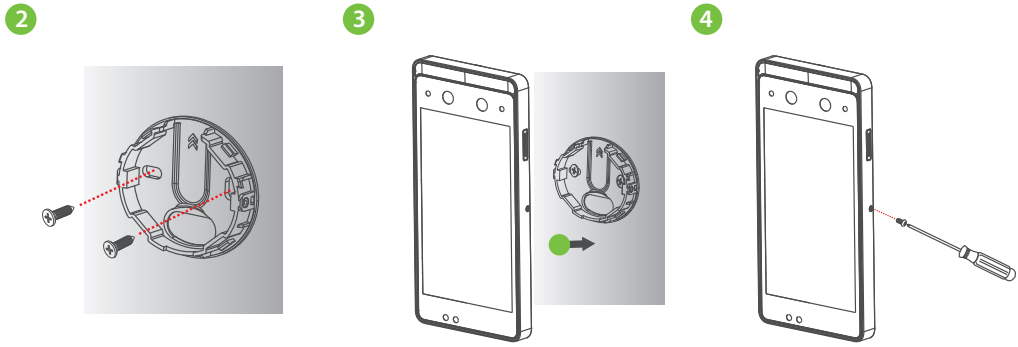
Step 1: Put the mounting template sticker onto the wall, and drill holes according to the mounting paper.
Step 2: Fix the back plate onto the wall using wall mounting screws.
Step 3: Insert the device into back plate.
Step 4: Use security screw to fasten the device to back plate.





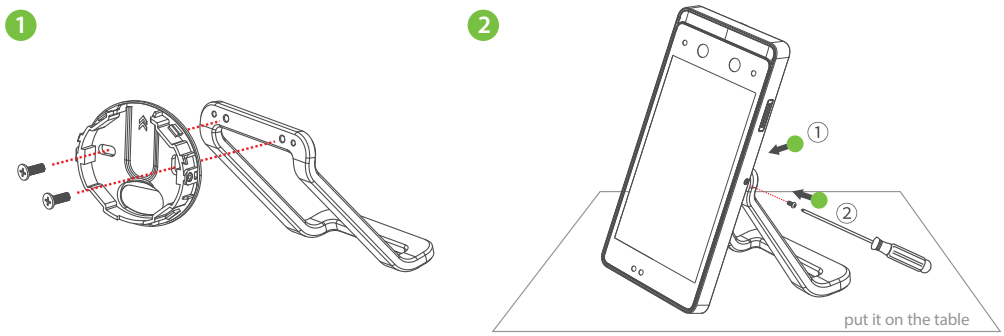


Fiche technique fournie par CONVXA · www.convxa.com ·



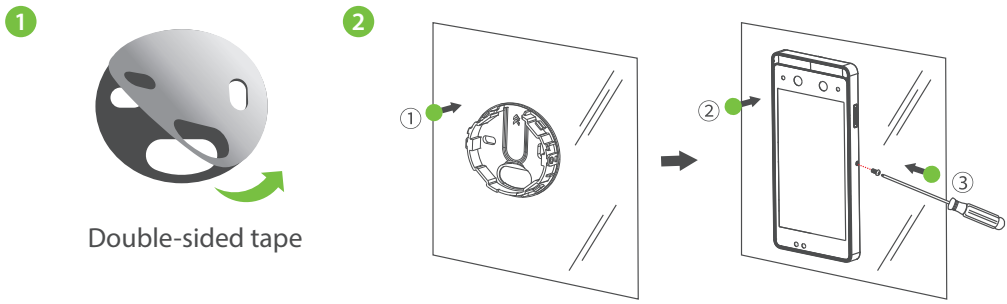
b. Mounting on the desktop holder

Step 1: Screw the back plate to the desktop holder.
Step 2: Insert the back plate into device. And use security screw to fasten the device to back plate.



c. Mounting on the glass door

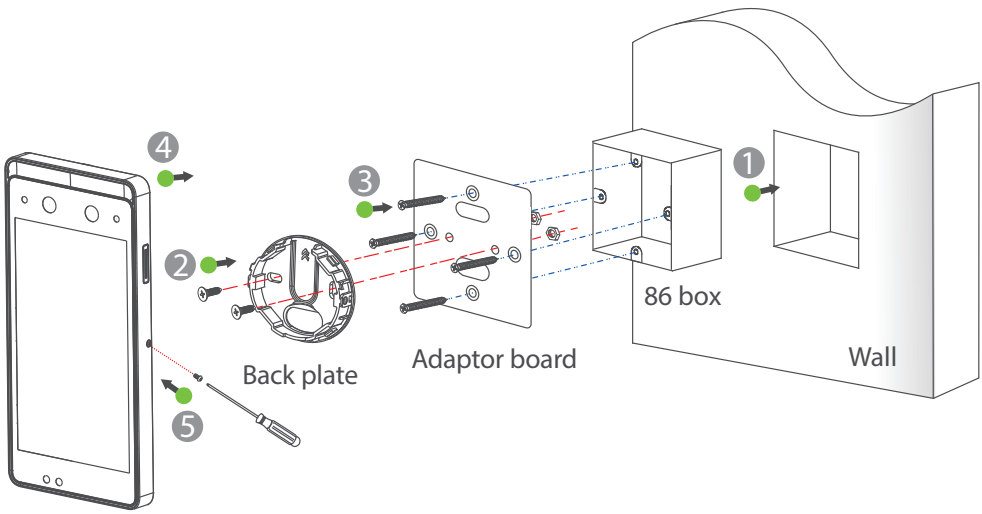
Step 1: Attach the double-sided tape to the back panel. Then attach the back plate to the glass door.
Step 2: Fix the device to the back plate. Use security screw to fasten the device to back plate.



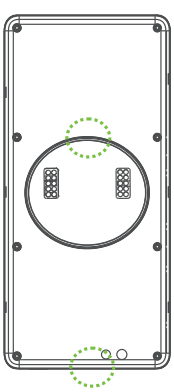
Fiche technique fournie par CONVXA · www.convxa.com ·

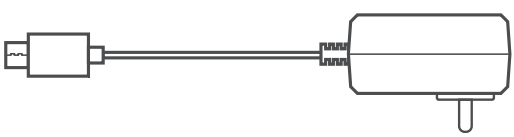
d. Mounting on the wall through 86 box

Step 1: Install the 86 box (or Single Gang box) into the wall.
Step 2: Fix the back plate to the adaptor board (86 box and Singer Gang has different adaptor board) with two screw and nuts.
Step 3: Fix the adaptor board onto the 86 box (or Single Gang box) using four wall mounting screws.
Step 4: Insert the device into back plate.
Step 5: Use security screw to fasten the device to back plate.



Power Connection





Recommended power supply:

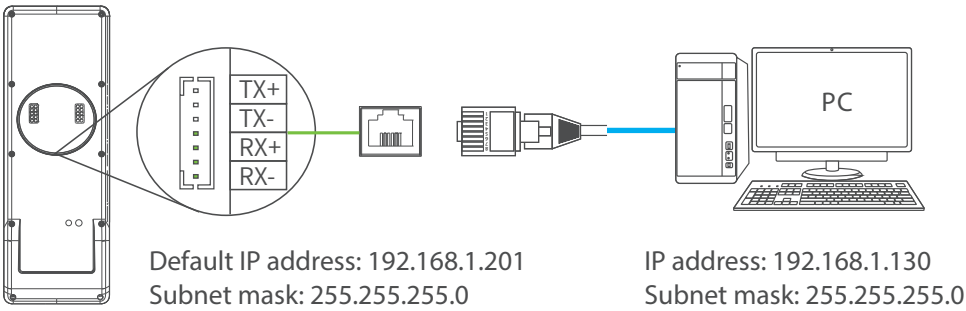
- 12V ± 10%, at least 2000mA.
- Please use the supplied Type-C power plug.

Fiche technique fournie par CONVXA · www.convxa.com ·

Equipment Connection

1. Ethernet Connection

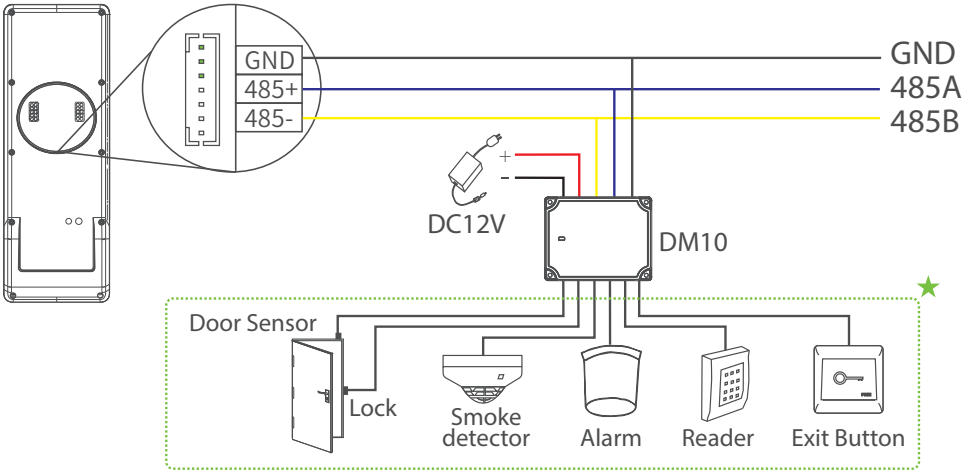
Connect the device and computer software over an Ethernet cable.
An example is shown below:



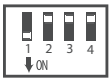
Note:

1. In LAN, IP addresses of the server (PC) and the device must be in the same network segment.
2. It only supports Horus E1-RFID and Horus E1-FP.★

2. RS485 Connection and Extend DM10



Note:

1. DM10 needs to be powered separately.
2. The address of the DM10 DIP switch defaults to 

.
3. It only supports Horus E1-RFID and Horus E1-FP.★
4. Not all devices support all function: Door Sensor, Lock, Smoke Detector, Alarm, Reader and Exit Button, it's based the Horus rmware, please con rm with technical support before the sales.

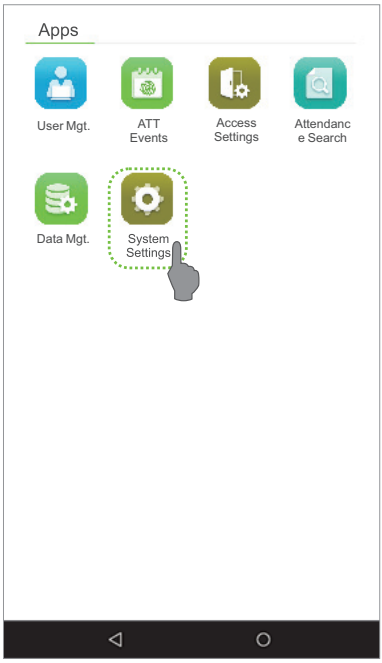
Fiche technique fournie par CONVXA · www.convxa.com ·

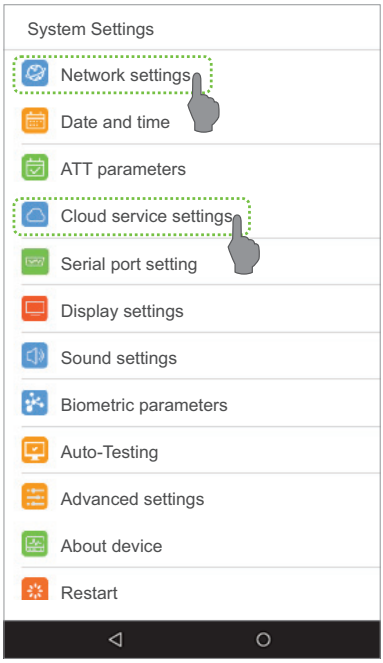
Quick Start

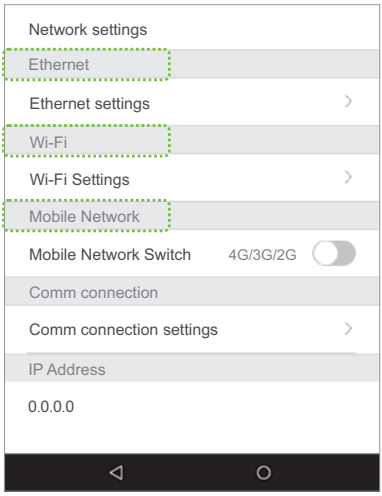
User Registration → User Authentication → Verified → View records

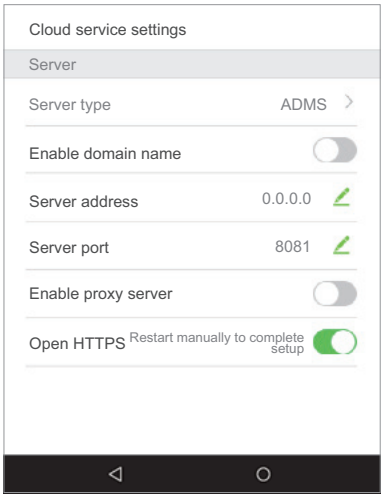
❖ Network settings

Click ⊞ > [System Settings] > [Netword settings] / [Cloud service settings] to enter the settings interface, and to set parameters of the ethernet, Wi-Fi, 4G and cloud service.









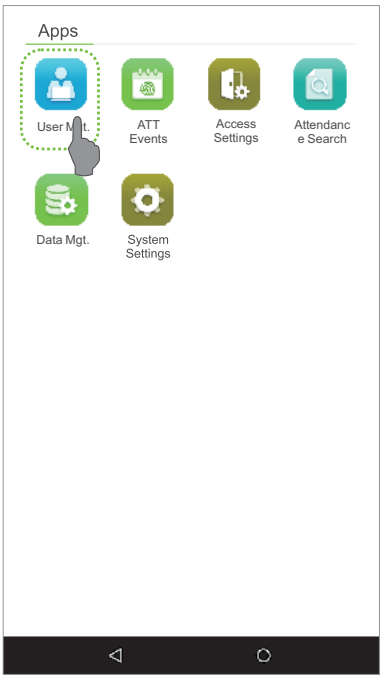
Note: Plug the SIM card into your device, turn on the 4G/3G/2G function, and you can use it directly.

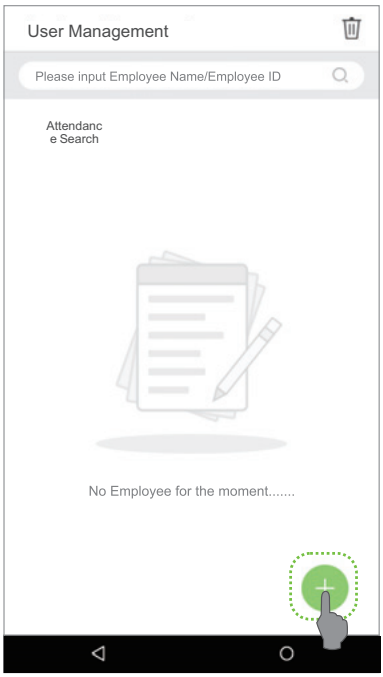
Fiche technique fournie par CONVXA · www.convxa.com ·

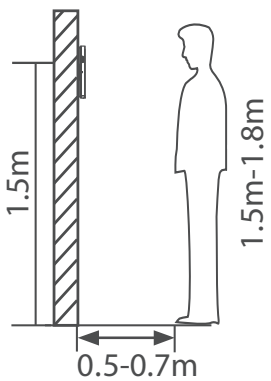
User registration

1. Register on the device

Click > User Mgt. > to register new user. Enter user name, ID, register face, fingerprint, badge number (fingerprint and ID card are optional), and password.







Note:

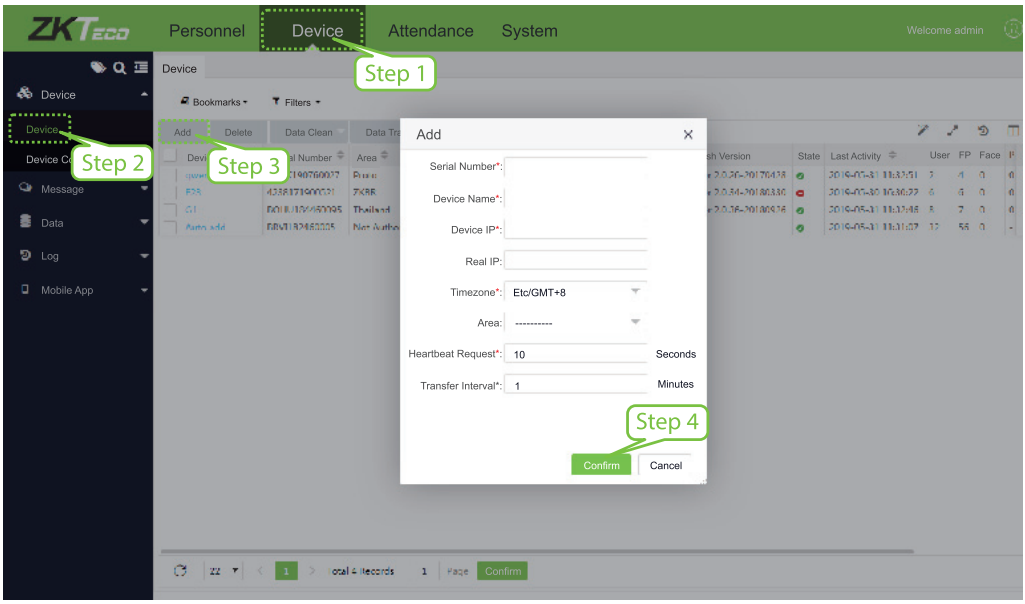
1. It's recommended to register multiple administrators.
2. It's recommend enroll user's face in 0.5~0.75m distance, it's good for 1.5~1.8m height person.

2. Register on the software (BioTime 8.0)

Please set the IP address and cloud service server address on the device.

a. Click [Device] > [Device] > [Add] to add the device to the software. When the device has set the server address and port, in can be added automatically.

Fiche technique fournie par CONVXA · www.convxa.com ·



b. Click [Personnel] > [Employee] > [Employee] > [Add] to register users in the software.

c. Synchronize personnel on the software to devices in the corresponding area.

d. In the personnel list, select an employee (or employees) and click [More] > [Synchronize to Device] to access the confirmation interface for synchronizing. For more details, please refer to the BioTime 8.0 User Manual.

Note: The icons or in the standby interface indicates that the network connection or the server is abnormal. Please check the network cable and network connection.

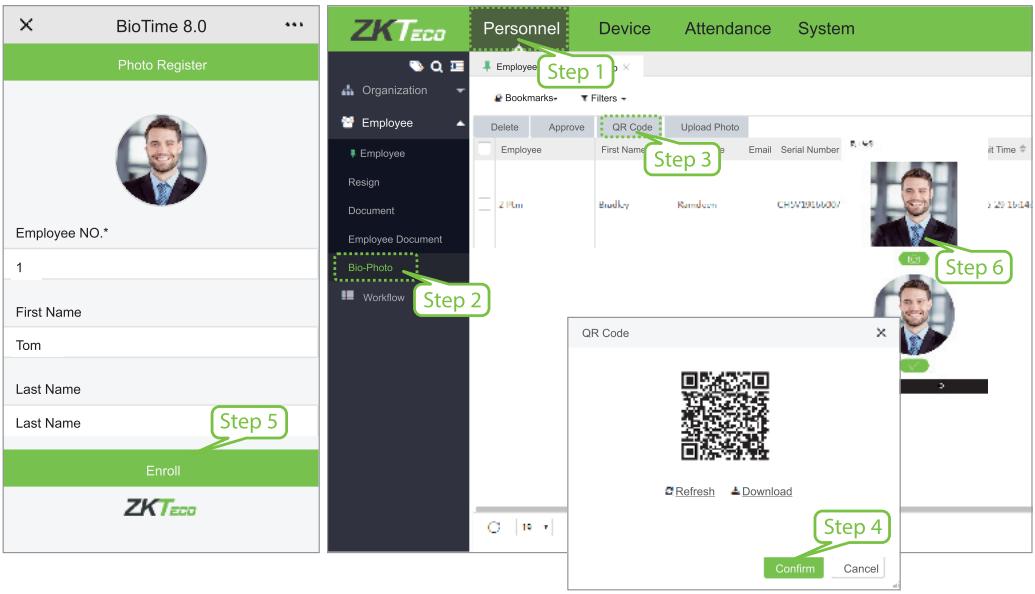
3. Register on the phone

Once BioTime 8.0 software installation, users could enroll face via broswer application on their own mobile phone.
Register visible light comparison photos to verify and punch on the visible light device.

a. Choose [Personnel] > [Employee] > [Bio-photo] > [QR Code] to access the QR Code getting interface.

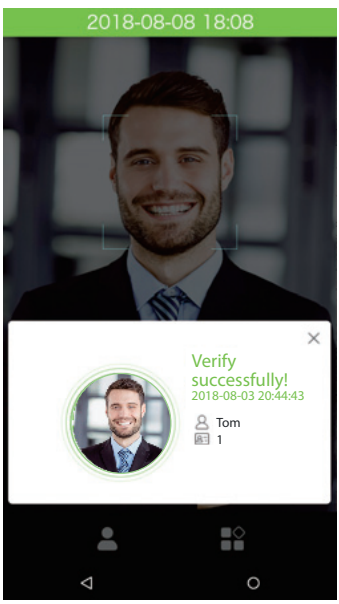
b. Scan the QR code via broswer APP and enroll face user, user could input the http://server_ip_address:server_port/v1Register/ on the broswer APP manually as well. The following interface is entered after successful scanning:

Fiche technique fournie par CONVXA · www.convxa.com ·



❖ User Authentication

Terminal could detect face in 0.3m to maximum 3m distance. The device switches to face verification interface automatically once it detect bright of environment change. The verification result shows as right image.



Verification is successful

❖ View records

View records on the software

Click [Attendance] > [Report] on the software to view the records.

Fiche technique fournie par CONVXA · www.convxa.com ·

ZKTeco Industrial Park, No.26, 188 Industrial Road,
Tangxia Town, Dongguan, China
Tel: +86 769-82109991
Fax: +86 755-89602394
www.zkteco.com

Copyright©2019 ZKTECO CO., LTD. All rights reserved.