ZKTeco

Quick Start Guide

FaceKiosk-V43/
FaceKiosk-V32

Version: 1.5
Date: Nov. 2018

A. Overview

Back   Side   Front

Camera
Menu

Facial recognition area

Display area of check-in results

Power
Mainboard
Speakers
AC socket

Antenna   LAN   USB port   Rocker switch
connection
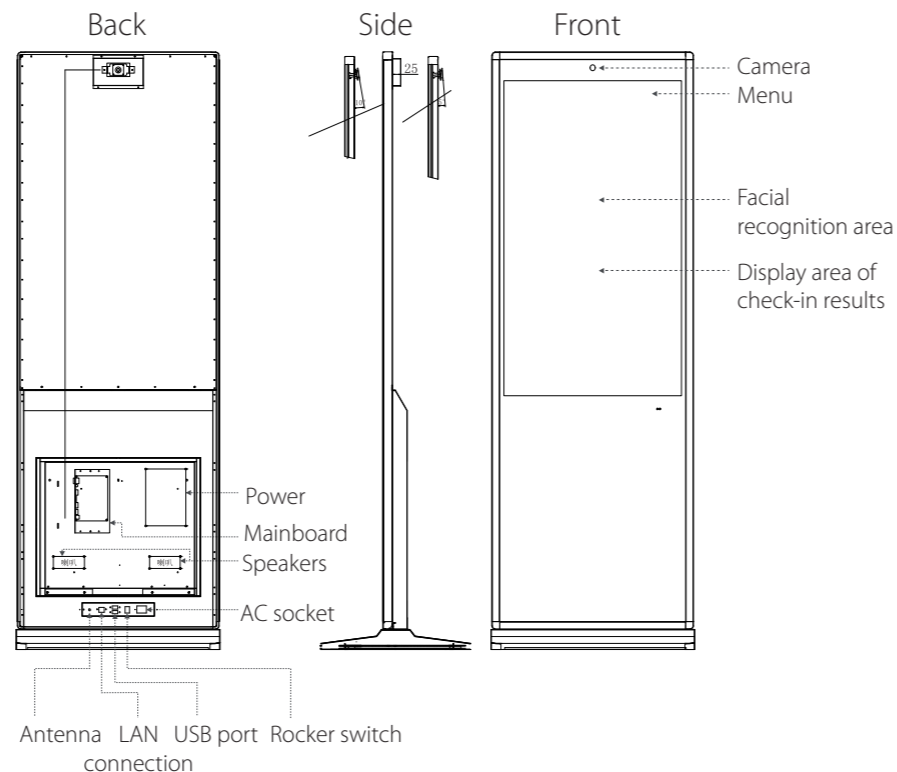
B. Installation

Body part and base of the product are packed in different boxes. Here is the installation procedure.
Step 1: open packaging boxes carefully from the longer sides to avoid damaging the product; take out the base of the product from a smaller box inside; then turn the larger box upside down and take out the body part.
Step 2: remove the protective film of the base and align the base with the body part according to corresponding holes.
Step 3: take out the spanner and mounting screws from the smaller box and tighten the screws.
Step 4: put the product in an upright position.
Step 5: connect power supply and turn on the machine by pressing a button at the back.

C. Precautions

1.Do not use the product with AC voltage higher than 240V or lower than 110V to prevent product damage and abnormal operation.
2.Use grounded electrical sockets and the provided standard power cord(s) to ensure proper operation of the machine.
3.Electrical sockets should not be located within any reach of children.
4.The equipment should be kept away from humid environment, fumes, high-mission lines and stations; avoid vibration and impacts.
5.Operation of the device requires high-voltage power supply. Non-professionals
6.Unplug the power supply when the product will be not used over a long period of time.
7.Lifespan of the device at least 3 mins after switch off.
8.Do not drop any objects, especially metallic objects, and seep liquid into the machine. If any of the above occurs, turn off the machine immediately and ask for assistance.
9.If there is smell from the machine, turn off the machine immediately and ask for maintenance.
10.To prolong lifespan of the screen, do not set the brightness and contrast of the display at he maximum value for a long time.

D. Initial Settings

Registration → Management → Facial Recognition → View data

1. Registration

Method one: Tap "Menu", then "Staff Management", and "New Staff"
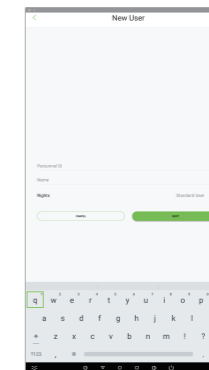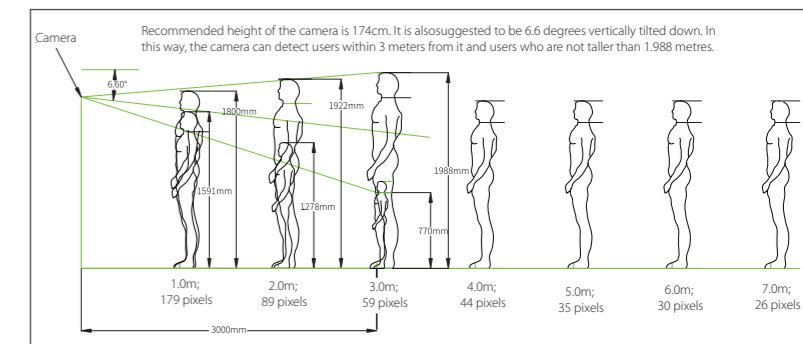
Personnel ID: the identity number of the personnel
Name: name of the employee
Rights: please choose between standard users or super administrator

Note: Only super administrator is entitled to access the main menu of the system.

2. Facial Recognition

Faces captured shown in the video surveillance display area will instantly be matched with all facial templates enrolled in the system. After successful verification, faces captured will be recorded and shown, together with brief information of such personnel, in the lower part of the screen.

(a) Requirement(s) of device's location: indoor; the terminal is suggested to be installed at places without sunlight interference.
(b) Requirement(s) of recognition distance: about 1-5 metres; generally, recognition will be successful when the user is around 3 metres away from the camera.

Camera
Recommended height of the camera is 174cm. It is alsosuggested to be 6.6 degrees vertically tilted down. In this way, the camera can detect users within 3 meters from it and users who are not taller than 1.988 metres.

1.0m; 179 pixels
2.0m; 89 pixels
3.0m; 59 pixels
4.0m; 44 pixels
5.0m; 35 pixels
6.0m; 30 pixels
7.0m; 26 pixels

3. Upload User Information and Records to the Back-end Software

User may upload user information and records from computers and other devices through communication settings: "Main Menu" -> "Communication settings".
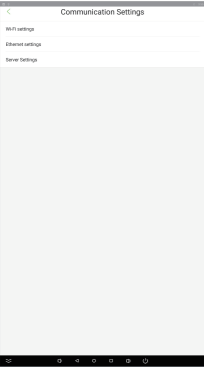
Wi-Fi settings: connect the device to the computer via Wi-Fi
Ethernet settings: connect the device to the computer via Ethernet
ADMS settings: connect the device to the ADMS server

4. Advertisements

User may directly upload advertisements, either photographs or videos, from USB drives as needed. Please note that if the system already contains picture-based advertisements, user cannot place any video advertisement. Advertisements will be displayed when the device detects no faces.

(a) Upload from a USB drive: not necessarily connect with any software; please refer to "Management of USB drives" below for details.

After uploading the advertisement, please access "Advertisements Settings" in the main menu to enable such advertisement to run.
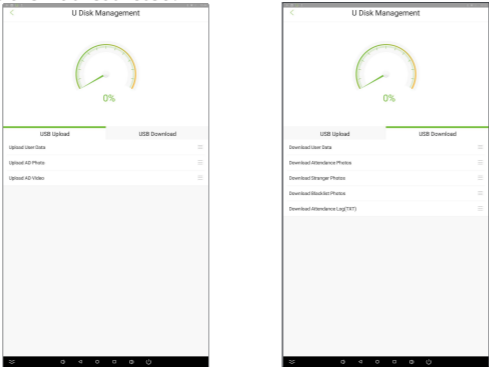
5. T&A Management

An employee can gain access by verification with the device after inputting his/her information for the first time, such as name, personnel ID, photo(s). After the attendance record of the employee is uploaded to the back-end software, corresponding settings of his/her duty schedule must be set up before the attendance statistics report can be managed. Details about such operation please refer to user manual of the software.

E. Management of USB drives

User may access the interface of management of USB drives by choosing "Management of USB drives" in the main menu. Please insert a USB drive to the device's USB port, then upload and/or download data from the USB port.

Upload from USB: upload user data, picture advertisements, videos
Download from USB: download user data,attendance photos, stranger photos,blacklist photos and attendance log

Note: Please ensure that all documents to be uploaded are under the root directory of the USB drive in advance. Format and size of images and motion pictures of advertisements are not restricted.

F. Data Management

Data management: "Main Menu" -> "System Settings" -> "Data Management"
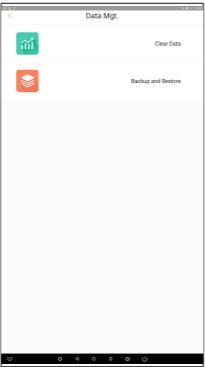
| Items	Functions
Delete T&A records	Delete all T&A records.
Delete user photos	Delete all registration photos of entire personnel.
Delete all data	Delete all user information and T&A records of entire personnel, minutes of meetings, images and videos for advertisements.
Cancel administrative rights	Change the administrator user account to a standard user account.

G. Other Settings
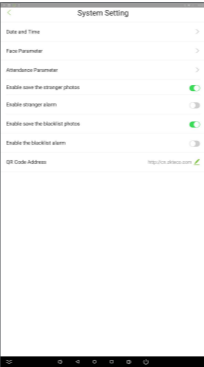
"Main Menu" -> "System Settings"

i.   Time and date
ii. Heading of the check-in interface
iii. Text-to-speech
iv. Thresholds for facial recognition (60-99, recommended to be 83)
v. Time interval between check-ins
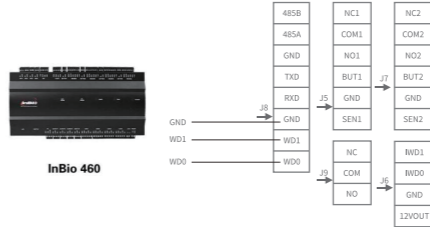vi. Auto delete T&A records and data (0-999)

H. Access Control

1)How to connect with lock?

Connect the lock to the 12V power supply, NC1 and COM1 into a loop.
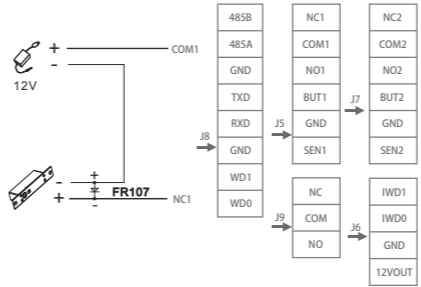
2)How to connect with Wiegand output?

When the product needs to connect to the access control panel by wiegand output, you need to connect GND, WD1, WD0 of wiegand output port to GND, WD1, WD0 of J8 port.

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I. Troubleshooting

i. Unable to recognise user's identity or recognise incorrectly.
Solution(s): Please re-register a facial template.

ii. Issue(s) of software operation.
Solution(s): For details about operation of the back-end software, such as duty scheduling, meetings management, please refer to the enclosed user manual of the software.

iii. Unable to turn on the device.
Solution(s): Please check (1) whether the machine is powered on normally, and whether the rocker switch is turned on, and whether the LED on the mainboard is on;
(2) whether the firmware or the monitor parameters have been modified.

iv. The screen is abnormal
Solution(s): Please check (1) whether the machine has been impacted or damaged;
(2) whether the monitor parameters have been modified;
(3) whether the settings of contrast and brightness is normal.

v. Unable to connect with any Wi-Fi network
Solution(s): Please check (1) whether the device is placed too far away from the Wi-Fi hotspot;
(2) whether the antenna is loose;
(3) whether there is something wrong with the IP settings.

vi. There is a problem with the touch screen function
Solution(s): Please check (1) whether there is any dirt or stain on the screen;
(2) whether the gestures are performed correctly and whether the gestures have been reset.

vii. The camera cannot capture anything after the device has been restarted
Solution(s): Please unplug and re-plug the power supply.