# Product Instruction

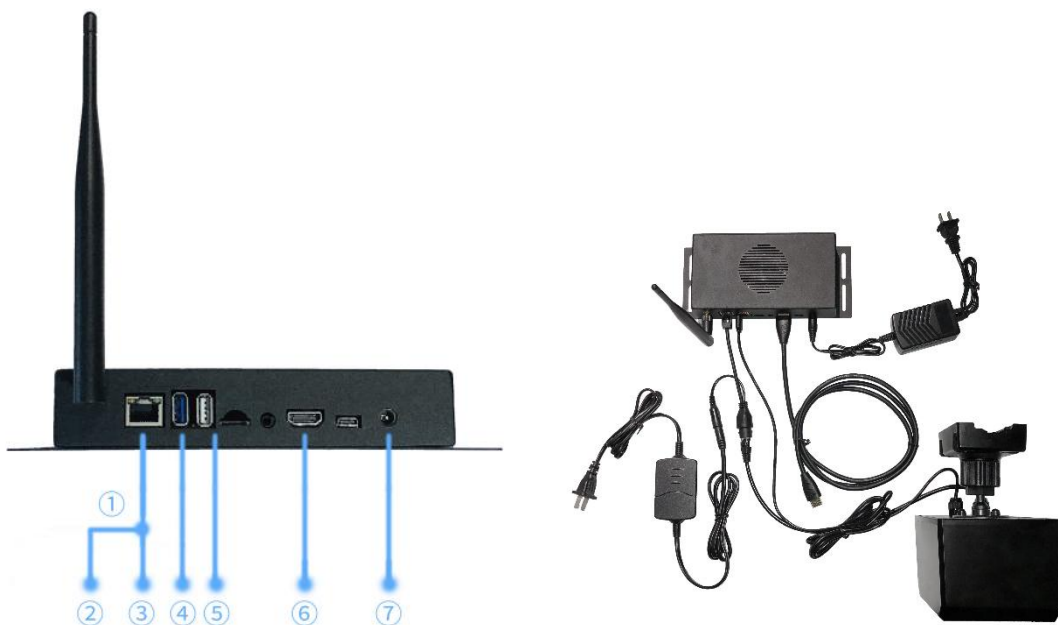**Product name:**AI Fever Screening System**Model:**AWS-60-E12

Appearance:



AI Detector(K03)Intelligent Terminal(B39-YT)

Wiring operation:



Power-over-EthernetAdapter12VPower Adapter

① Connect Power-over-Ethernet Adapter

② Connect 12VPower Adapter

③ Connect **AI Detector**'s RJ45 network port

④ Connect **AI Detector**'s USB port

⑤ Connect mouse

⑥ Connect the monitor with an HDMI cable

⑦ Connect 12V Power Adapter

## AI Fever Screening Systemhardware component(AWS-60-E12)：
AI Detector(K03) + Intelligent Terminal(B39-YT)+Monitor(Optional)

## Hardware specification:



| | | | |
|---|---|---|---|
| Language | Multi-language | | |
| Processor | RK3399, six-core, dual-core A72 + quad-core A53, @ 1.8GHz | | |
| RAM | DDR3 4GB | | |
| ROM | EMMC 16GB | | Maximum support 128GB |
| HDMI output | 1,support 4K/1080P | | |
| camera | N/A | | |
| Memory card slot | 1，TFCard | | Maximum support 128GB |
| Headphone slot | 1，AUDIO | | |
| Microphone | N/A | | |
| USB | 1USB 2.0、1USB3.0、1Type-C | | |
| Network | 2.4G WiFi | | |
| | 10/100M/1000M Ethernet | | Support dual network ports |
| **Characteristics** | | | |
| Video format | Support mainstream video formats such as wmv, avi, flv, rm, rmvb, mpeg, ts, mp4 | | |
| Video decoding | Support 1080P, 4K, H.265 hard decoding | | |
| Playback mode | Support multiple playback modes such as loop, timing, insert | | |
| Audio format | Support audio formats such as MP3 | | |
| Image Format | Support BMP, JPEG, PNG, GIF, etc. | | |
| Power Adapter | DC12V, 2A | | |
| RTC | Support real-time clock | | |
| Scheduled power on/off | Support | | |
| Boot method | Connect the power to boot | | |
| **Software support** | | | |
| Operating system | Android 8.1 | | |
| Startup screen | Android default | | |
| Installation | APK Installer | | |

| | | | |
|---|---|---|---|
| System Management | System settings | | |
| Time | Global time | | |
| System Upgrade | Support TF card / USB | | |
| Input | Standard Android keyboard, optional third-party input methodsupported(Chinese, Korean, Japanese, etc.) | | |
| App | Standard Android Default Apps | | |
| **Exterior** | | | |
| Color | Black, metal | | |



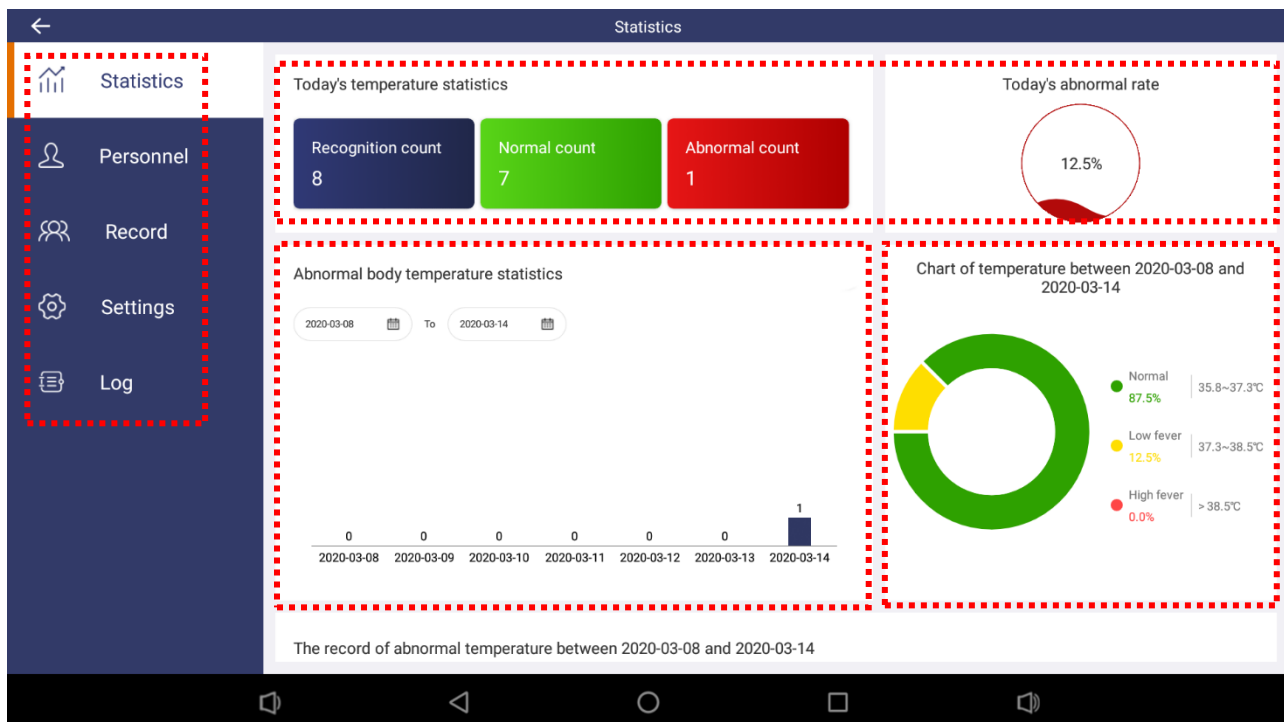| Temperature measurement | |
|---|---|
| **Temperature measurement** | |
| Measurement range | 32℃~42℃ |
| Accuracy | ± 0.5 ℃ (target temperature: 32 ℃ ~ 42 ℃, fluctuate ± 0.3 ℃ under certain conditions) |
| Measure time | Less than 1 second |
| Measure distance | Within 2 meters, the optimal distance is 1 ~ 1.5 meters |
| **Interface** | |
| Thermometer | USB + RJ45 (with power supply) |
| Facial recognition camera | USB |
| External interfacesof terminal | RJ45、WIFI、HDMI |
| **Environmental adaptability** | |
| Ambient temperature | The best ambient temperature is 16 ~ 32 ℃ |
| Storage temperature | -20~60℃ |
| Workinghumidity | ＜90%（non-condensing） |
| Face recognition | Local recognition |
| Face library size | 10000 faces database as standard |

## Product description:

This is a complete solution for face recognition + temperature screening + big data statistics. The AI detector can quickly capture the face information and temperature information. Then the intelligent terminal calculates the body temperature, identifies the captured face and displaysthe result. When the body temperature exceeds thenormal body temperatureset, an alarm will be issued to remind the relevant personnel and medical staffs, and the abnormal temperature data will be uploadedto the server for data statisticsat the same time. In conclusion, users can check allmembers' temperatures and prevent the disease outbreak through the product.

# UI description



# 5 Modules

①Statistics: View temperature statistics ofthe day ordays.

②Personnel: Register,query, editand deletepersonnel

1.Enter the name, query the personnel's temperature.

2. Click "≡" to add,batch importor batch deletepersonnel.

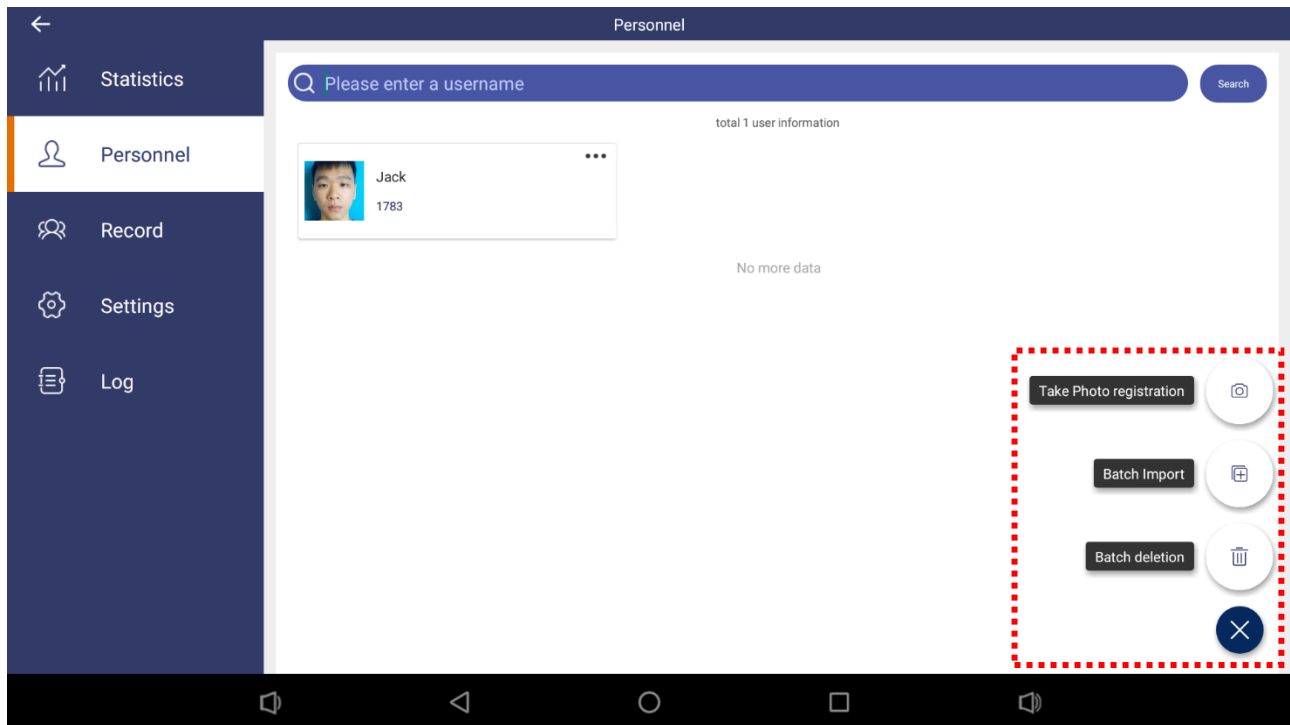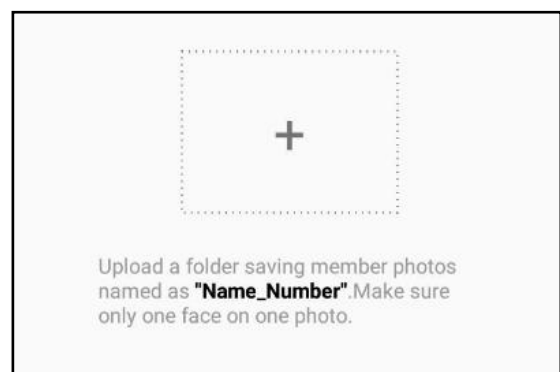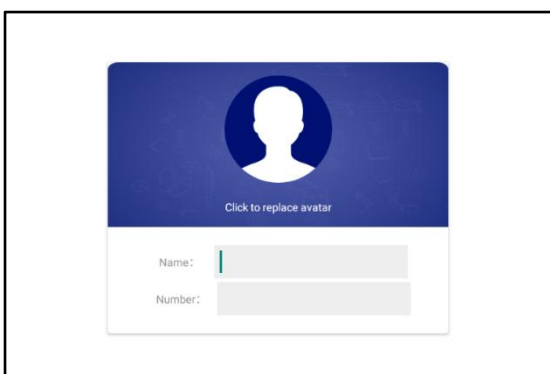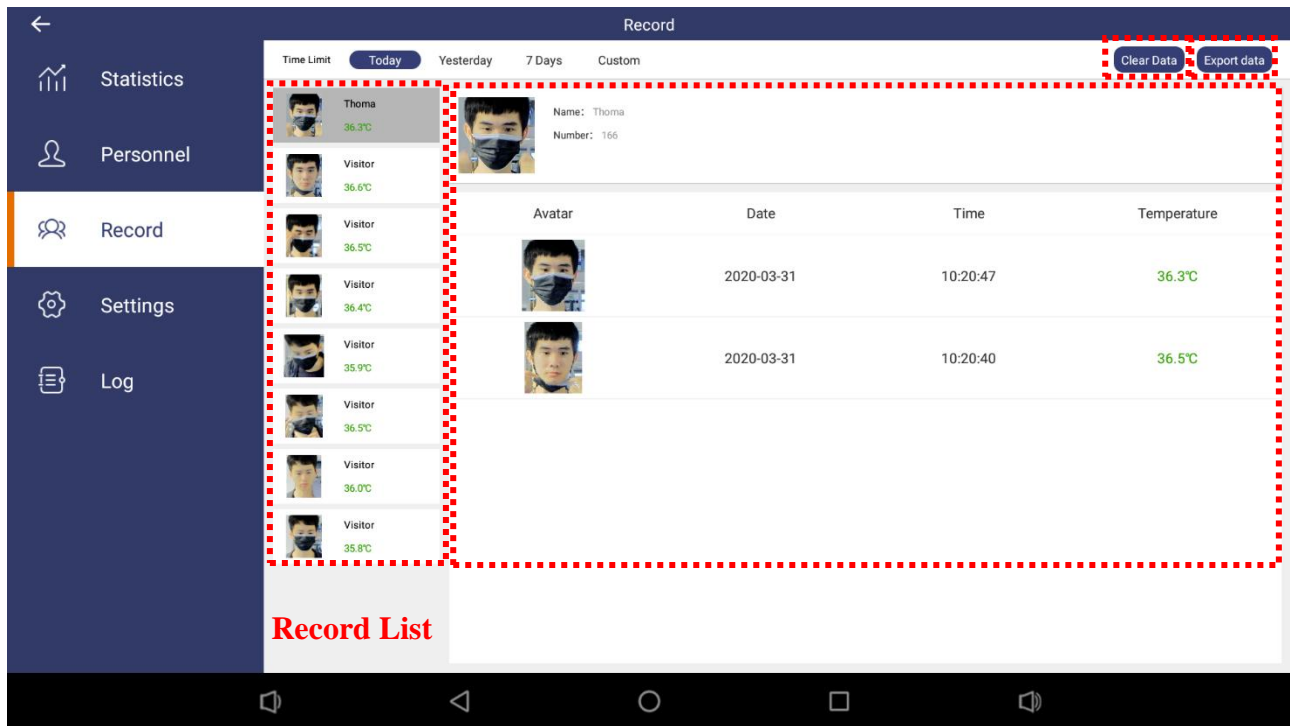3. Note: The server version registers personnel through the server.



## Photo RegistrationBatch Import



- **Photo registration:**Take a photo or choose animage to register.
- **Batch Import:** Upload a folder with member photos named as "Name_Number".
- **Batch Deletion:** Select the personnels to be deleted and click Delete.

③Record: Select time to view historical temperatures or to export that. Clear data.



④Settings

- **Recognition mode:** Switch single modeand multiplemode.

- **Device information:**View the device information and check for update.

- **Online authorization:**Default "authorized".

- **Advance:**If the temperature deviation is too large due to environmental influence, please calibrate under the guide of a technician.

⑤Log: If the system fails, please upload the logs, and the technician will analyze the cause to solve the problem

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the

user's authority to operate the equipment.

The distance between user and device should be no less than 20cm.