

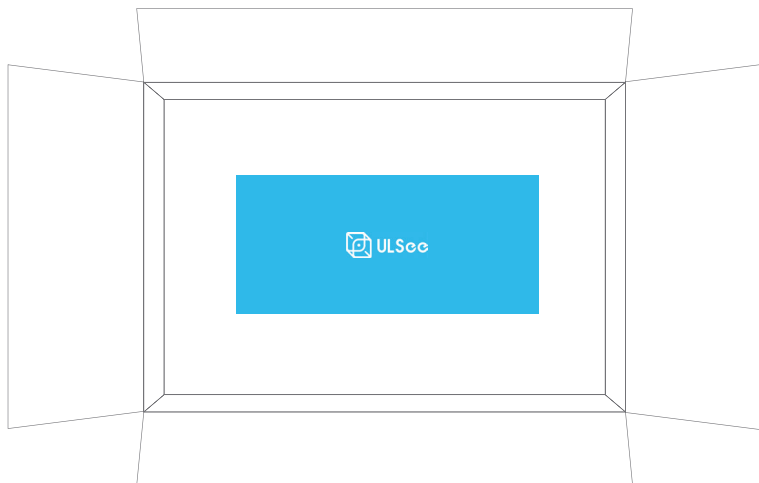


AI Infrared Monitor System

Quick Start Guide

SKU ULTI-A100-00 | All-in-One

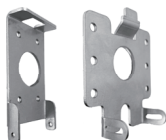
AI INFRARED MONITOR SYSTEM



IN THE BOX



AI Infrared Monitor x 1



Wall Mount Bracket Set x 1



Wall Anchor and Skew Set x 6



Monitor Mounting Skew x 6



Power Adapter x 1



Desktop Mount Stand x 1

Hardware Installation

1 | Choose an ULTI-A100 Mounting Option

- A. Wall Mount (incl. in standard packaging)
- B. Desktop Mount (incl. in standard packaging)
- C. Gate Mount (incl. in custom packaging only)



Wall-mounted



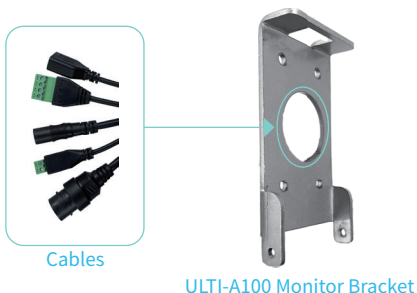
Desktop-mounted



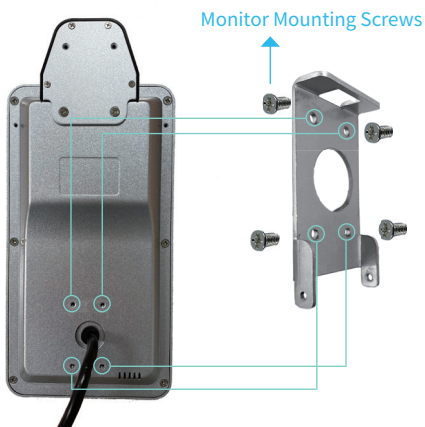
Gate-mounted

1A. Wall-mount the AI Infrared Monitor

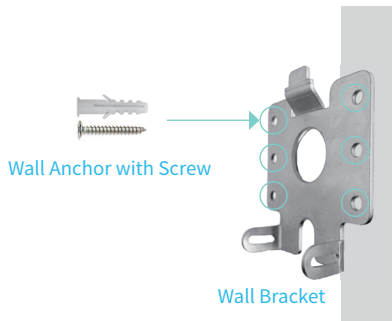
Push all cables through the center-hole of the provided ULTI-A100 Monitor Bracket



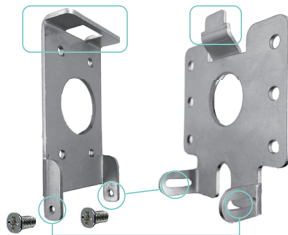
Fasten the ULTI-A100 to the ULTI-A100 Monitor Bracket with the 4 monitor mounting screws



Fix the provided wall bracket on the wall with the wall anchor and screw sets provided



Attach the combined ULTI-A100 & ULTI-A100 Monitor Bracket unit to the wall bracket fixed to the wall

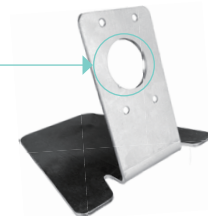


1B. Desktop-mount the AI Infrared Monitor

Push all cables through the center-hole of the provided ULTI-A100 Desktop Mount Stand

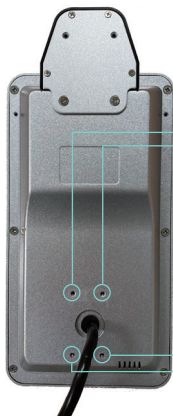


Cables



ULTI-A100 Desktop Mount Stand

Fasten the ULTI-A100 to the ULTI-A100 Desktop Mount Stand with the 4 monitor mounting screws

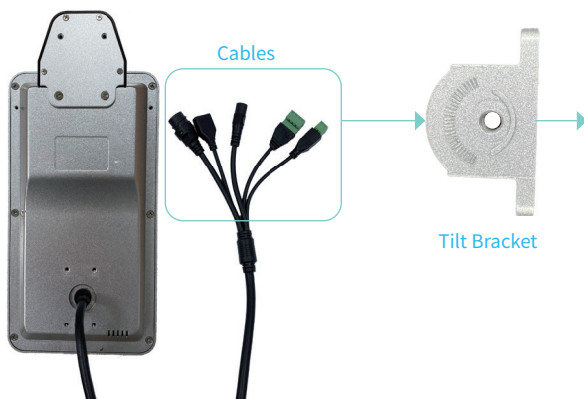


Monitor Mounting Screws

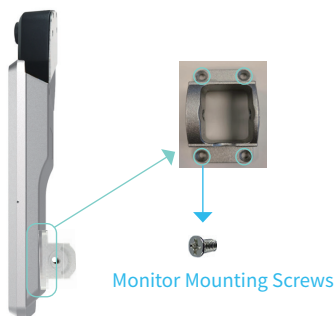


1C. Gate-mount the AI Infrared Monitor

Push all cables through the center-hole of the provided tilt bracket



Attach the tilt bracket (with cables passing through it) to the ULTI-A100 using the monitor mounting screws



1C. Gate-mount the AI Infrared Monitor

Attach the combined ULTI-A100 and tilt bracket unit (with cables passing through it) to the provided pipe of the gate-mount using the tilt bracket mounting screws provided



Long Pipe Shaft Gate-Mount



Short Pipe Shaft Gate-Mount

2 | Plug-in the Power Supply and Network Cables



Plug-in the RJ-45 Ethernet and power supply cables into the ULTI-A100 unit and power-ON the ULTI-A100 unit

Note

The other end of the power supply cable must be connected to the power supply. The other end of the RJ-45 should be connected to a LAN-connected router, bridge or switch.

Software Configuration (Web)

1 | Wait for AI Infrared Monitor ULTI-A100 Unit's IP Address



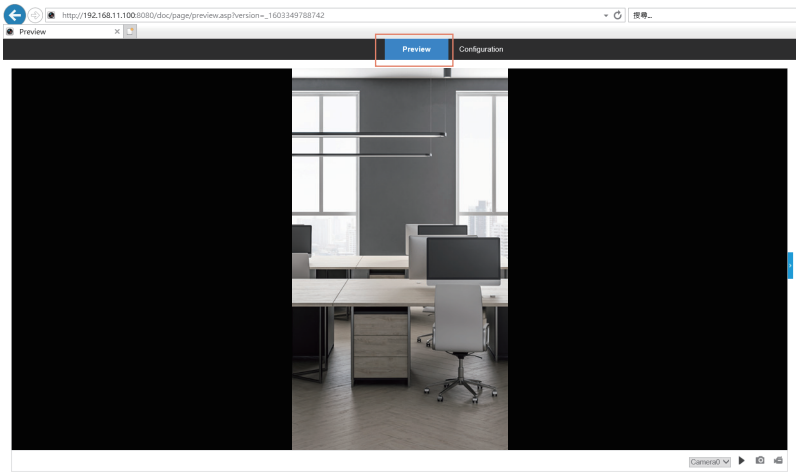
Plug-in the RJ-45 Ethernet and power supply cables into the ULTI-A100 unit and power-ON the ULTI-A100 unit

2 | Accessing the ULTI-A100 Unit's Device Settings (Any Web Browser)



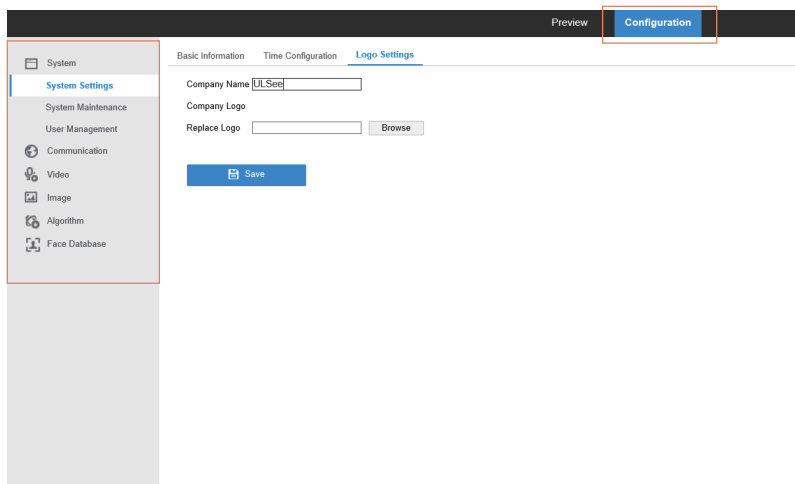
Type in the ULTI-A100's IP address and port number **8080** into the Internet Explorer Web browser of a Windows PC. Type in username **admin**, password **admin123** and click on **log in**.

3 | Viewing the Live Video Stream of an AI Infrared Monitor ULTI-A100 Unit (Windows' Internet Explorer Web Browser only)



Click on **Preview** to view the live video stream from an AI Infrared Monitor ULTI-A100 unit's camera, choose the camera from the drop-down menu from the bottom-right set of controls and click the ► button

4 | Accessing All ULTI-A100 Unit's Configuration Settings (Any Web Browser)



Click on **Configuration** to access the configuration settings menu. The configuration settings menu can be found on the left-side pane.

5 | Configuring the ULTI-A100 Unit's Panel Display Settings

The screenshot displays the configuration interface for the ULTI-A100 unit. The top navigation bar includes 'Preview' and 'Configuration' (highlighted with a red box). The left sidebar lists system components: System, Communication, Video, Image, Algorithm (highlighted with a red box), and Face Database. The main content area is titled 'Panel UI Settings' and contains the following options:

- Panel UI Settings**
 - a. ☒ Show IP
 - b. ☒ Show MAC
 - c. ☒ Show Track Rect
 - d. ☐ Show Number Of Reg...
 - e. ☒ Show Recognize Area
 - ☒ Show Recognize Result
 - f. ☒ Show Temperature
 - Language: English (dropdown)
 - Voice Gender: Female (dropdown)
 - Temperature Unit: Celsius Degree (dropdown)
 - Min Temperature: 30.0 °C (30.0 ~ 45.0)
 - Max Temperature: 37.3 °C (30.0 ~ 45.0)
 - Offset Body Temperature: 0.0 °C (-0.5 ~ 0.5)
 - Emulate Temperature Mode: Normal (dropdown)
 - Volume: 10 (slider)
 - g. Light Mode: On (dropdown)
 - LCD Mode: On (dropdown)
 - UI Style: Simple Style (dropdown)
 - Reset Flow Statistics:

Below the settings is the 'Unlock Condition (Confirm Enable Attribute)' section with checkboxes for 'Enable Temperature' and 'Enable Mask'.

On the right, a preview image shows the ULTI-A100 unit's display. The screen displays a face recognition interface with a yellow bounding box around the face. Text on the screen includes 'body temperature is normal 98.1°F' and 'b. MAC: 00:10:10:10:10:10 d. 36.7 a. 100-100-100-100-100-100'.

Click on **Configuration > Algorithm > Panel Settings** to configure the panel UI settings as well as panel sound-picture settings for stranger warning alerts

Software Configuration (Web)

System

Communication

Video

Image

Algorithm

Face Database

Reset Flow Statistics

Reset

Unlock Condition (Confirm Enable Attribute)

Enable Temperature

Enable Mask

Enable Guest

Panel UI Background Settings

Panel UI Background

UI Background Settings

Browse

(jpg/png <300kb, <1020*600)

Panel Sound And Picture Settings (Confirm Enable Attribute)

Enable Single Warning

Enable Liveness

h. Enable Stranger War...

Mask Scene

Enable

Temperature Scene

Enable

Pass Scene

Enable

Liveness Scene

Enable

Stranger Warning Scene

Enable

Save

Preview

Configuration

Stranger Warning

6 | Configuring the ULTI-A100 Unit's Body Temperature and Protective Face Mask Temperature Detection Settings

The screenshot displays the configuration interface for the ULTI-A100 unit. The left sidebar contains a menu with options: System, Communication, Video, Image, **Algorithm** (highlighted with a red box), and Face Database. The main area is titled 'Configuration' (also highlighted with a red box) and shows various settings. At the top, there are dimensions for Face width (1.5), Face part height (1.5), and Body parts Height (1). Below these are checkboxes for 'Fixed pixel' and 'Image Width' (100) and 'Image Height' (100). The 'Background settings' section includes 'Image Quality' (general), 'Picture resolution' (720P(1280*720)), and checkboxes for 'Background image upload', 'Capture Img Upload', 'Infrared Img Upload', and 'Register Img Upload'. The 'Normal Settings' section includes 'FaceAE Settings' (Enable) and 'Temperature Settings' (Show Infrared Image, Take Infrared Image button). The 'Attribute Settings' section includes 'Enable', 'Attribute Interval (ms)' (slider), 'Temperature Attribute', 'Mask Attribute', and 'Recognize Settings' (Recognize Interval (ms) slider). The 'Track Rect Settings' section is at the bottom. On the right side of the interface, there is a live video feed of a person's face, with a temperature reading of 38.3°C displayed on the screen.

Click on **Configuration** > **Algorithm** > **Capture Settings** to configure the Body Temperature and Protective Face Mask detection settings

7 | Adding the Users' Data into the Face Database (Any Web Browser)

The screenshot shows a web interface for software configuration. The top navigation bar has 'Profile' and 'Configuration' tabs, with 'Configuration' selected. On the left, a sidebar menu includes 'System', 'Communication', 'Video', 'Image', 'Algorithm', and 'Face Database' (which is highlighted). The main content area is titled 'Person' and contains a form for adding a new person. The form fields are: Name (Lin), Gender (Female), Age (40), Work ID (1234), Card Type (ID Card), Card Number (1111), Phone, Email, Address, Picture, Remove, Card Number, and Scan Card. An 'Add Person' button is located at the bottom right of the form. Below the form, a table displays the added person's record.

Serial Number	Name	Gender	Age	Work ID	Card Type	Card Number	Card Number	Phone	Email	Address	Operation
FC776C3874342FA8180C3A86584E5	Lin	Female	40	1234	ID Card	1111					/ X Q

- Click on **Configuration > Face Database** to add users' data into the face database
- Enter a user's personal ID data, work ID data, contact data, personal ID certification data and work ID certification data
- Click on **Add Person**

Upon successful addition of user data, the user's record appears as shown below –

Software Configuration (iOS)

1 | Open the All-in-One ULTI-A100 Product Page



Enter URL **<https://tinyurl.com/y6nu4x9w>** into a Web browser's Address field or scan the QR code above, to quickly access the AI Monitor Product Page