

Automated Al Temperature Screening System (AATSS)

Model V3 USER MANUAL



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Operation Guidelines

Notice

Please follow the recommendations listed below for optimal performance.

Please make sure that the system is deployed in a well-lit area

Avoid direct sunlight when possible

Please stay still during the scanning process

Do not place unit outside in rain or inclement weather

The system detects skin surface temperature which is typically 1°F lower than internal body temperature

If you have trouble setting up the device, please refer to the tutorial videos located on our website: https://www.richtech-ai.com/tutorial-videos

Warranty Information can be found at https://www.richtech-ai.com/product-warranty

Certifications

CE inspection test, certificate number BKC200507AC, in line with the following standards:

EN 55032:2015

EN IEC 61000-3-2:2019,

EN 61000-3-3:2013+A1:2019

EN 55035:2017

FCC inspection test, certificate number BKC200508AC, in line with the following standards:

FCC PART 15 Subpart B

RoHS test, certificate number BKC200509AC, in line with the following standards:

IEC 62321-4:2013+A1:2017

IEC 62321-5:2013

IEC 62321-6:2015

IEC 62321-7-1:2015

IEC 62321-7-2:2017

IEC 62321-8:2017

Contents

1. Introduction	$\dots \dots 1$
♦ 1.1 Features	1
♦ 1.2 Setup	2
1.3.1 Device structure	2
1.3.2 Screen and icon	3
2.Software	3
◆ 2.1 V3 connect to the network	3
◆ 2.2 Setting of the V3 IP address	4
3. Management terminal(web)	5
◆ 3.1 Video monitoring	6
◆ 3.2 Login interface	6
♦ 3.3 Settings	6
3.3.1 Account	6
3.3.2 System	7
3.3.3 Maintenance	9
3.3.4 Security	10
Mac OS Installation	16
3.3.5 Advertisement	21
3.3.6 Screen	21
3.3.7 Network	22
3.3.8 Advanced	22
3.3.9 Al settings	24
3.3.10 Face library	26
3.3.11 Access Control	28
3.3.12 Error Message	29
3.3.13 Volume	29
3.3.14 V3 connected to PC directly via ethernet cable	30
4. Desktop Management Terminal	30
◆ 4.1 Setup	30
◆ 4.2 Main interface	34
4.2.1 Support	34
4.2.2 Setting	35

•	4.3 Batch Operation	. 35
	4.3.1 Upgrade Firmware in Batch	. 35
	4.3.2 Change IP Configuration in Batch	. 36
	4.3.3 System Configuration in Batch	. 36
•	• 4.4 User	. 37
	4.4.1 Add user	. 37
	4.4.2 User management	. 38
	4.4.3 Records query	. 38
•	4.5 Statistics	. 39
	4.5.1 Graphs	. 39
	4.5.2 Live View	. 39
5. N	Naintenance	. 40
6. S	Specification	. 40
7 \/	Varranty	12

1. Introduction

The Automated AI Temperature Screening System (AATSS) V3 is your company's first line of defense against COVID-19 and other infectious diseases. As a fully automated system, the AATSS V3 provides extremely accurate temperature readings, immediate temperature alerts through multiple notification channels, and automatically records data for easy recordkeeping and reporting. It can also integrate with access control systems to enforce company temperature, identity, and PPE policies.

Both the CDC and FDA recommend having routine temperature screening for employees upon arriving at work. When deployed as part of a multilayered preventative response to COVID-19, the AATSS V3 will protect your employees and facilitate the re-opening of your business.

The AATSS V3 is the ultimate all-in-one solution for contactless temperature screening.

♦ 1.1 Features

- ADA Compliant full customization of data storage and display
- RTSP live feed for security camera integrations
- Adjustable confidence levels for facial recognition
- Advanced facial recognition software allows for temperature screening and facial recognition even when user is wearing a face mask
- Multiple access control options Temperature, Identity, Face mask
- Automated data collection through facial recognition and temperature screening
- Dual fill lights provide illumination to improve face recognition accuracy
- Deep thermal sensor housing provides resistance against sunlight interference, providing better outdoor performance
- Database level high-security encryption and secured HTTPS data transmissions for HIPAA Compliance
- Email, SMS and desktop push notifications to a secretary/security desk upon abnormal temperature screening

♦ 1.2 Setup

Software Requirements

Operating System: Windows 10 or above Internet Explorer: Version 10 or above

Please follow the network setup tutorial on our website:

https://www.richtech-ai.com/tutorial-videos

Once the system is set up on your network, simply open IE 10+ and navigate to the static IP address you assigned to the system to access its settings.

◆ 1.3 Product overview

1.3.1 Device structure

Front view

4.72" (120.00mm) 1135M Mai 17 2200 1135M Mai 17 2200 PASS AUTOMATED AI TAINGERIBRE SCREEMING SYSTEM AUTOMATED AI TAINGERIBRE SCREEMING SYSTEM AUTOMATED AI TAINGERIBRE AUTOMATED AI TAINGERIBRE AUTOMATED AI TAINGERIBRE

Side view



1.3.2 Screen and icon

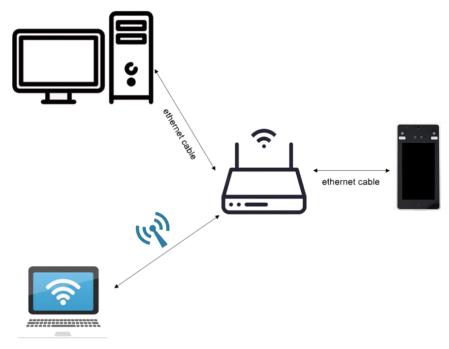


2.Software

Note: We recommend using Windows 10 to manage the AATSS V3.

◆ 2.1 V3 connect to the network

If you need to manage the V3 through a network, please connect the base to your router through an ethernet cable, see below example:

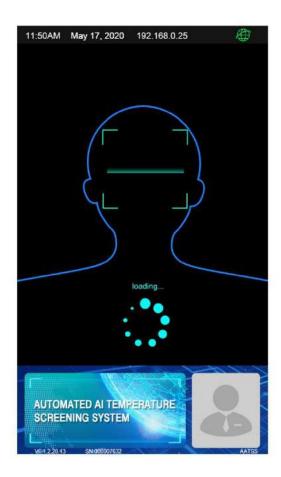


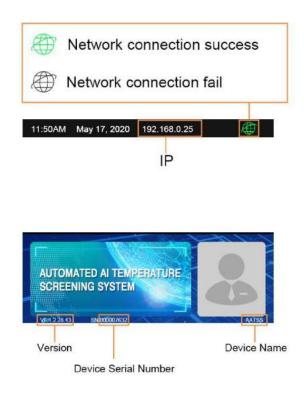
If there is more than one network interface card (NIC) in your PC, please choose the same network that connected to V3, and disable the other NIC, see below.



The default mode of the V3 to connect to the Internet is DHCP (Dynamic Host Configuration Protocol). The device will obtain the IP address automatically.

How to check the IP address: the IP address will appear on the screen 20 seconds after the device is switched on, and it will display for up to 1 minute. See below example when the IP address is 192.168.0.25





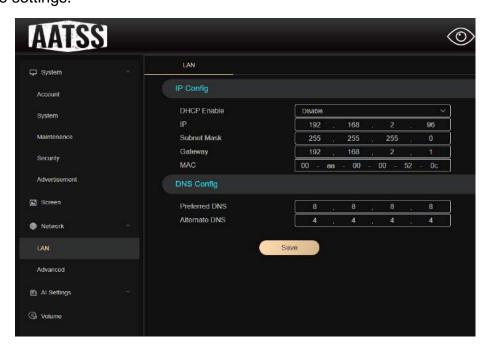
◆ 2.2 Setting of the V3 IP address

Please visit the IP address as shown on your Internet Explorer (10 or above) screen, follow the guide to download the plug-in and log into the web terminal.

Default username: Admin

Password: 123456

In Network - LAN, please close the enabling of DHCP. Then click the Save button to save the settings.



The V3 will reboot again, the IP address will be adjusted to a static IP address, e.g. 192.168.0.25. Gateway is 192.168.0.1

3. Management terminal(web)

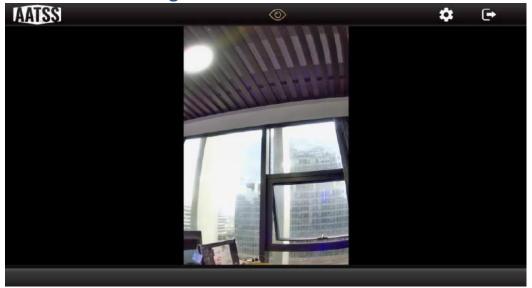
Supported browsers:

Firefox v. 42 +

Chrome v. 23 +

MS Edge v. + 13

◆ 3.1 Video monitoring

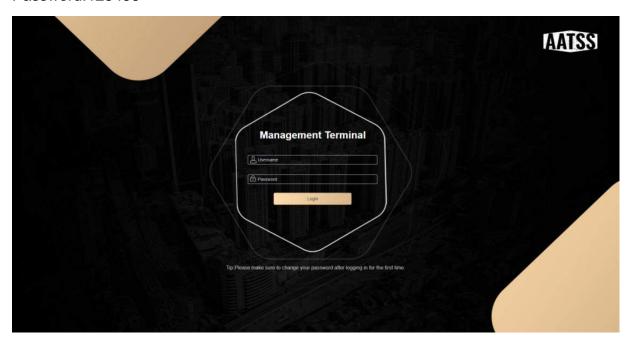


◆ 3.2 Login interface

When you open the management terminal (web) for the first time, please input the device IP address, e.g. http://192.168.0.8

Default username: admin

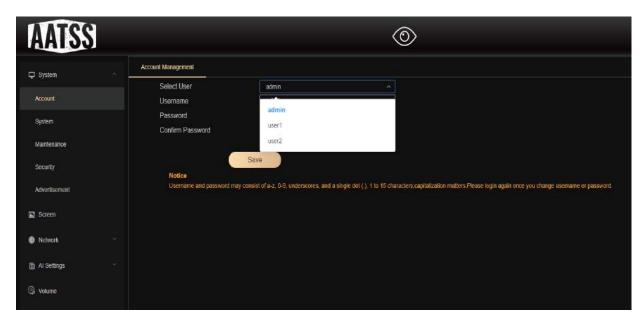
Password:123456



♦ 3.3 Settings

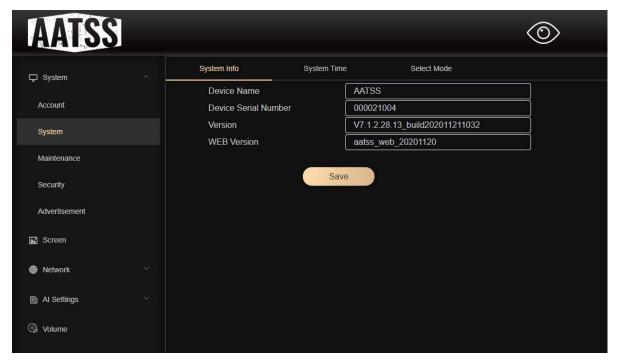
3.3.1 Account

You may change the username and password, and add two users that only have access to browse data but have no permission to change settings.

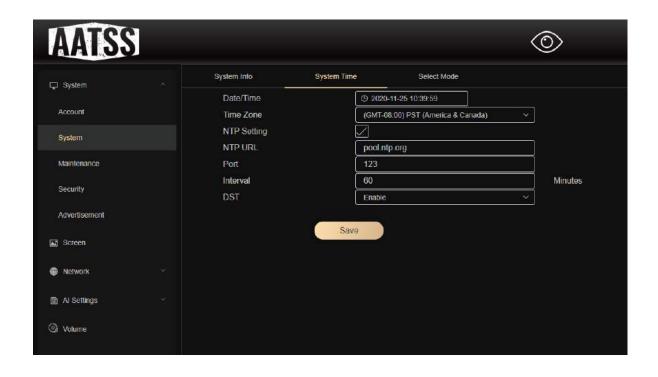


3.3.2 System

a. System Info. You can change the device name here.

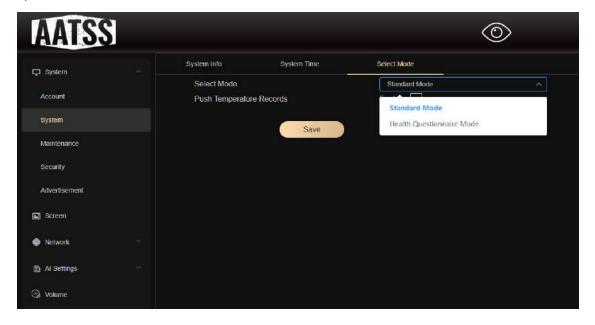


b. System Time. You can change the time zone and set time preferences.



c. Select Mode. You can choose among Standard Mode, Health Questionnaire Mode.

Push Temperature Records: You can push the Temperature Records (SignObject) in to a specific website.



3.3.3 Maintenance

a. Upgrade

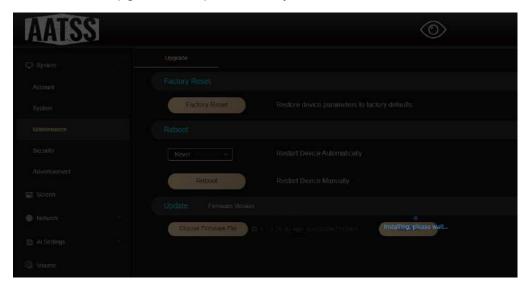
For Windows, browsers that are supported are Google Chrome, Firefox and Microsoft Edge.

Under MacOS, Firefox is supported.

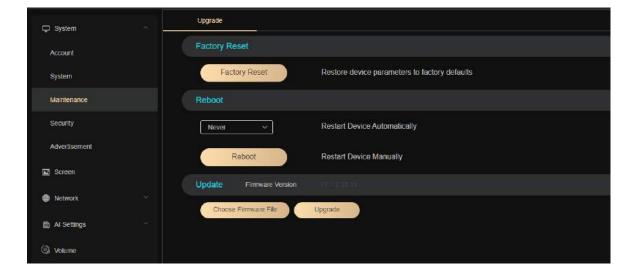
Step 1: Log into the Web Management Terminal and go to "System\Maintenance"

Click "Browse" and select the firmware update file(s), then client upgrade button to upgrade.

Step 2: Click "client upgrade" to update the system.



Step 3: Then perform a Factory Reset to restart the system and finish the upgrade. Reboot – Choose how often you wish to refresh the system.

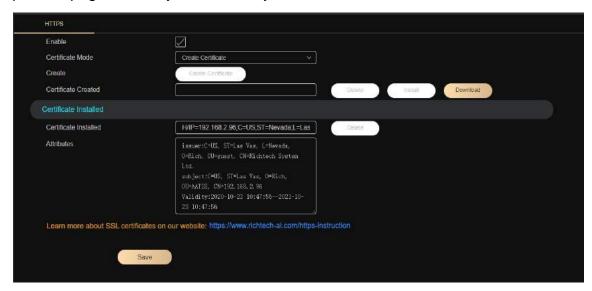


3.3.4 Security

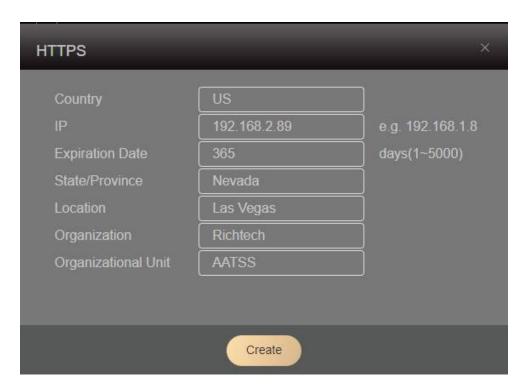
HTTPS configuration for Google Chrome, Firefox, Microsoft Edge (latest version).

1.Create Certificate

Open the page under System\Security

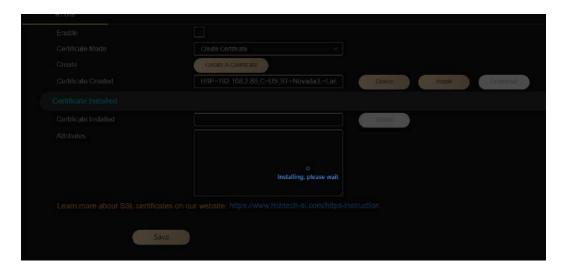


Click "Create Certificate" and the following page will pop up. Fill in the information and click "Create" after finishing.



Upon completion, click the "Install" button to install.





After installation we will get the following page:

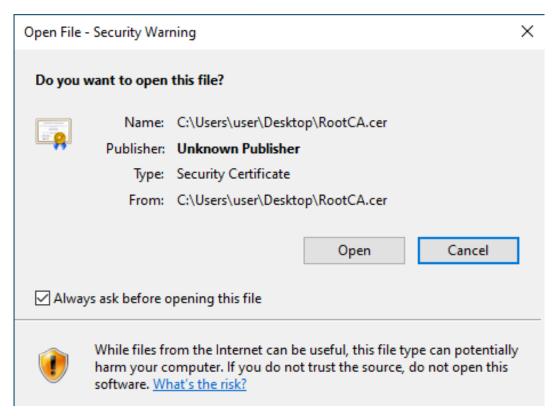


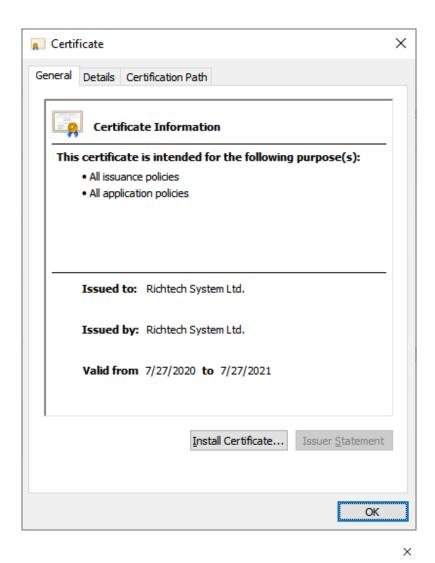
Click the "Download" button to download the certificate.

2. Install the certificate.

Windows Installation

Double-click on the certificate downloaded and install according to the reference picture below.





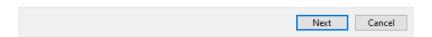
F Certificate Import Wizard

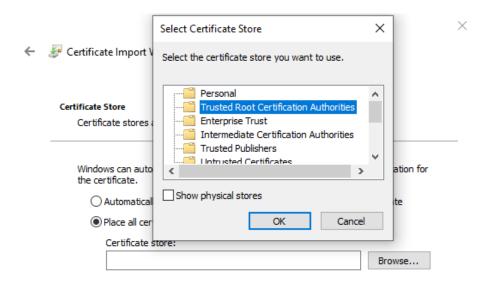
Welcome to the Certificate Import Wizard

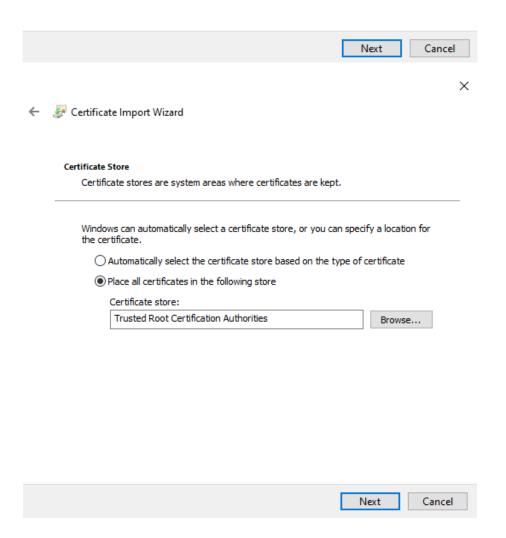
A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.

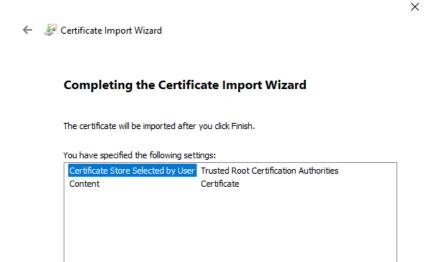


To continue, click Next.

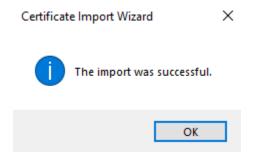












Mac OS Installation

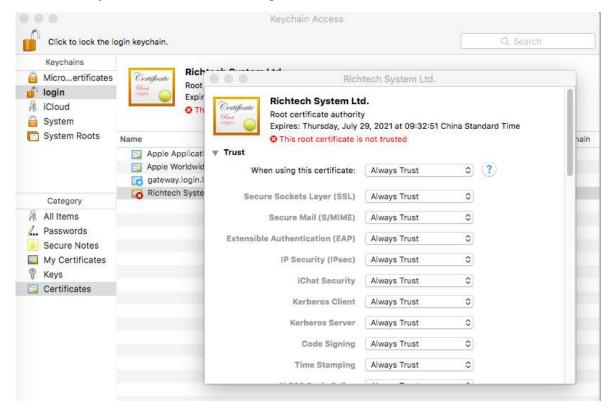


- 1) Double-click the certificate
- 2) Open the window shown below. Choose the new certificate in the list and rightclick to open the menu.
- 3) Select "Get info".

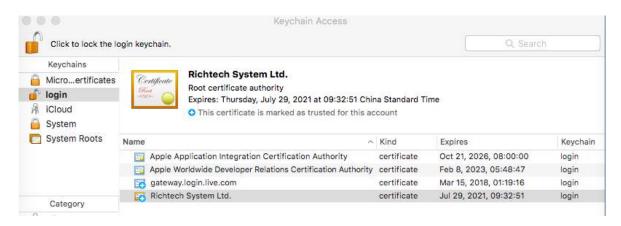




Select "Always Trust" for the following:



If all settings are correct, we will get the following result:



Reboot your Mac and it will work.

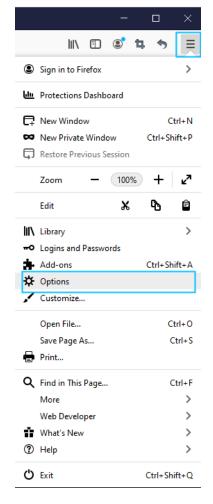
3. Enable https mode access.

Select the box for Enable. Click "Save" and the AATSS will reboot and enable Https mode.

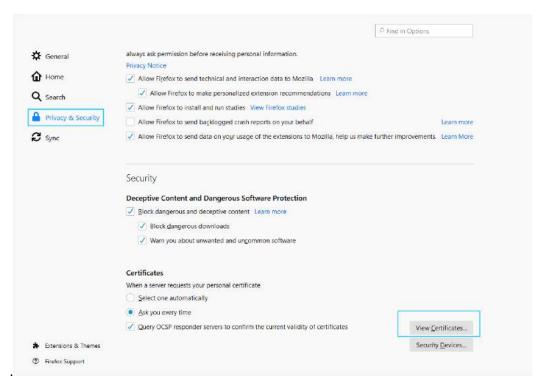


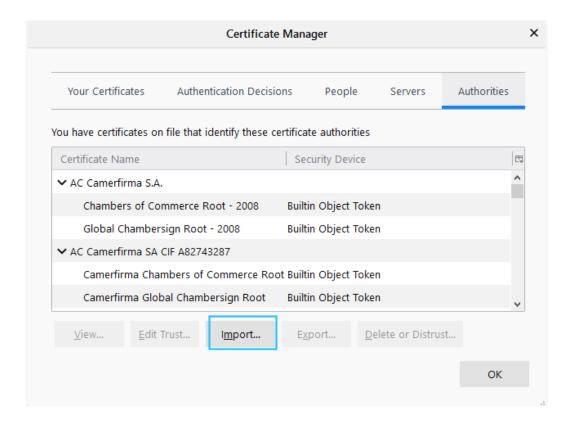
4.Firefox Settings

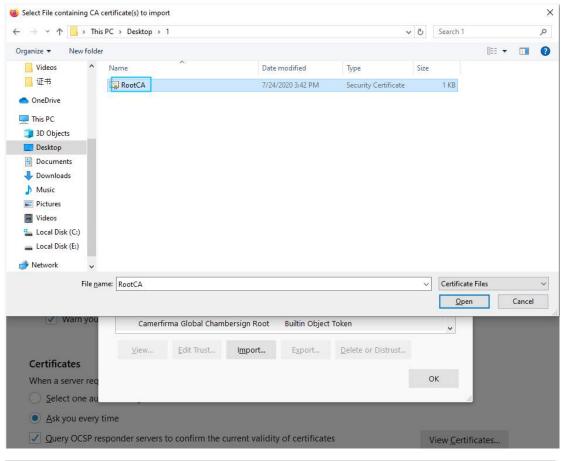
Click the Settings button and open the menu. Then click "Options".



Under "Privacy & Security" click "View Certificates". Follow the steps shown below to import certificate.









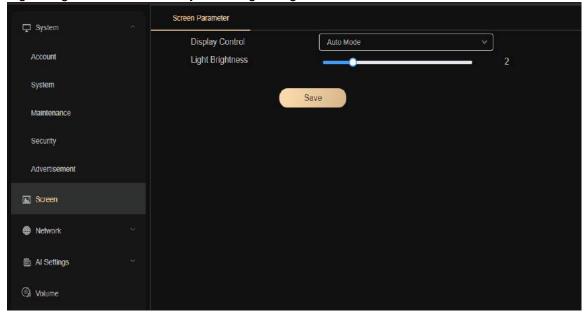
3.3.5 Advertisement

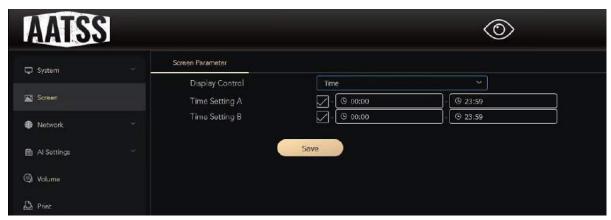


3.3.6 Screen

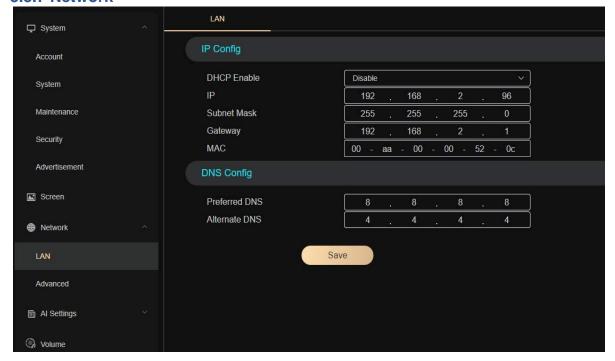
Screen Parameter Options: Auto mode, Always bright, Time.

Light Brightness: You can adjust the light brightness on the device





3.3.7 Network



3.3.8 Advanced

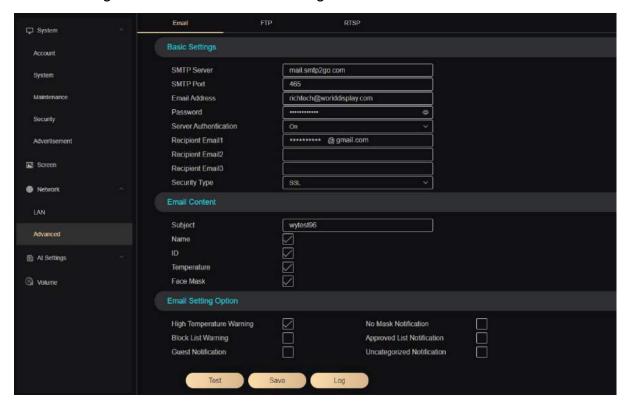
a. Email - An alert will be sent to the recipient email addresses when an abnormal temperature is detected.

SMS alerts can also be sent using this function by using your wireless carrier's email-to-SMS function. Please see the chart below for how to format the SMS email address. (Not all carriers are listed)

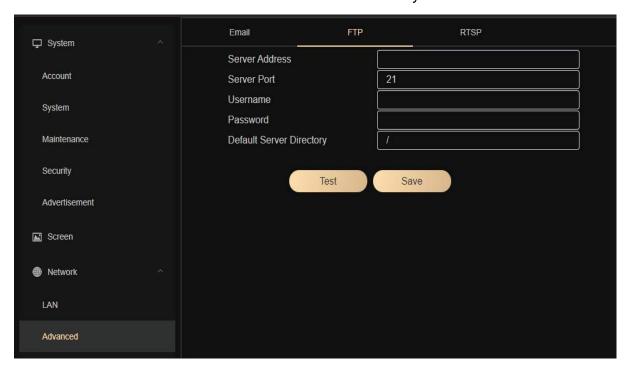
Carrier	Email Format
AT&T	number@txt.att.net
T-Mobile	number@tmomail.net
Verizon	number@vtext.com
Sprint	number@messaging.sprintpcs.com
Xfinity Mobile	number@vtext.com
Virgin Mobile	number@vmobl.com
Metro PCS	number@mymetropcs.com
Boost Mobile	number@sms.myboostmobile.com
Cricket	number@sms.cricketwireless.net
Google Fi (Project Fi)	number@msg.fi.google.com
Ting	number@message.ting.com
U.S. Cellular	number@email.uscc.net

Server Authentication: Server verification switch, can be turned on and off.

Click the "Log" button to check the email log information.



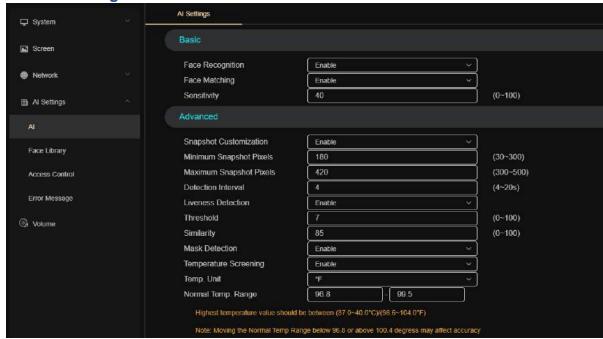
b. FTP - Can be used to transfer files from the device to your PC



c. RTSP - Full camera feed streaming, provides easy integration into existing security camera systems



3.3.9 Al settings



TP Upload	Disable	~]
Face Bounding Box	Enable	~
Auto Height Adjustment	Enable	~

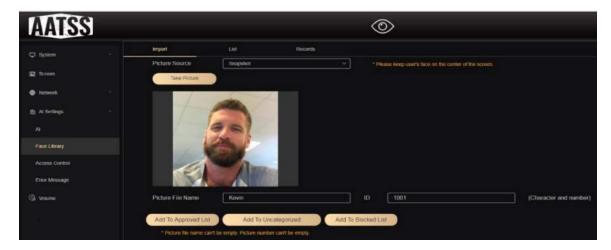
Basic	Default	Options

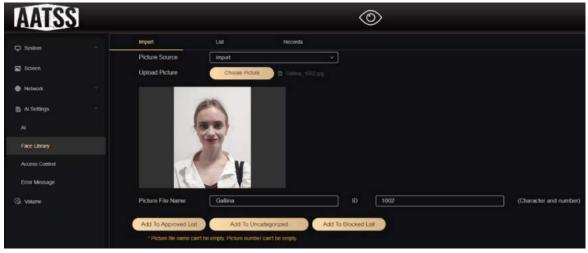
Face matching Enable Enable Disable (You must enable face matching in order to see this option under Integration) Sensitivity 40 O-100 (The lower the setting, the faster the system can recognize faces. However, it may recognize other objects as faces if the setting is too low) Snapshot pixels Enable/ Disable Minimum Snapshot Pixels 420 (30-300) Advanced Detection Interval Liveness Detection Enable Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Detect face masks Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable: Green square will be shown on the screen to display face tracking Disable Face and Screen Disable Camera moves up and down to track	Face Recognition	Enable	Enable
Disable (You must enable face matching in order to see this option under Integration) Sensitivity 40 0-100 (The lower the setting, the faster the system can recognize faces. However, it may recognize other objects as faces if the setting is too low) Snapshot pixels Enable/ Disable Minimum Snapshot Pixels 220 (30-300) Maximum Snapshot Pixels 420 (300-500) Advanced Detection Interval Liveness Detection Enable Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Celsius or Fahrenheit Normal Temp. Range Lowest: 95.0 Highest: 99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable: Green square will be shown on the screen to display face tracking Disable			Disable
Cyou must enable face matching in order to see this option under Integration)	Face matching	Enable	Enable
Sensitivity 40 0-100 (The lower the setting, the faster the system can recognize faces. However, it may recognize other objects as faces if the setting is too low) Snapshot pixels Enable/ Disable Minimum Snapshot Pixels 420 (300-300) Maximum Snapshot Pixels 440 Detection Interval Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold Threshold To Similarity 85 Facial similarity Mask Detection Enable Enable Enable: Detect face masks Disable Temperature Screening Enable Enable Enable: Detect face masks Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest: 95.0 Highest: 99.5 Highest: (32.0-35° C)/(88.6-104.0°F) Other Config Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable			Disable
system can recognize faces. However, it may recognize other objects as faces if the setting is too low) Snapshot pixels Minimum Snapshot Pixels 220 (30-300) Maximum Snapshot Pixels 420 Detection Interval Liveness Detection Enable Enable Enable Enable Enable Threshold 7 Similarity Mask Detection Enable Enable Enable Enable: Disable Temperature Screening Enable Enable Disable: Temp. Unit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable: Enable: Green square will be shown on the screen to display face tracking Disable Enable: Enable: Green square will be shown on the screen to display face tracking Disable			
Minimum Snapshot Pixels 220 (30-300) Maximum Snapshot Pixels 420 (300-500) Advanced Detection Interval 4 (4-20) s Liveness Detection Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Lowest: (32.0-35° C)/(89.6-95.0° F) Highest: 93.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Sensitivity	40	system can recognize faces. However, it may recognize other objects as faces if the
Advanced 4 (4-20) s Liveness Detection Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Di	Snapshot pixels	Enable/ Disable	
Advanced Detection Interval 4 (4-20) s Liveness Detection Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Lowest: (32.0-35° C)/(89.6-95.0° F) Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Minimum Snapshot Pixels	220	(30-300)
Detection Interval Liveness Detection Enable Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable Enable: Enable: Cerean square will be shown on the screen to display face tracking Disable	Maximum Snapshot Pixels	420	(300-500)
Liveness Detection Enable Enable: Anti-spoofing feature, requires a real live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable: Green square will be shown on the screen to display face tracking Disable	Advanced		
live person and not just a picture of a person's face Disable Threshold 7 Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (32.0-35° C)/(89.6-95.0° F) Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Detection Interval	4	(4-20) s
Threshold Similarity 85 Facial similarity Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (32.0-35° C)/(89.6-95.0° F) Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Liveness Detection	Enable	live person and not just a picture of a person's face
Mask Detection Enable Enable: Detect face masks Disable Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (32.0-35° C)/(89.6-95.0° F) Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Threshold	7	
Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Similarity	85	Facial similarity
Temperature Screening Enable Enable: Disable: Temp. Unit Celsius or Fahrenheit Normal Temp. Range Lowest:95.0 Highest: (32.0-35° C)/(89.6-95.0° F) Highest:99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Mask Detection	Enable	Enable: Detect face masks
Disable: Temp. Unit Celsius or Fahrenheit Lowest: 95.0 Highest: 99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable Enable: Green square will be shown on the screen to display face tracking Disable			Disable
Temp. Unit Celsius or Fahrenheit Lowest: 95.0 Highest: 99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) Other Config FTP Upload Enable Enable Enable: Green square will be shown on the screen to display face tracking Disable	Temperature Screening	Enable	Enable:
Normal Temp. Range Lowest:95.0 Highest:99.5 Highest: (32.0-35° C)/(89.6-95.0° F) Highest: (37.0-40.0°C)/(98.6-104.0°F) FTP Upload Enable Enable Enable: Green square will be shown on the screen to display face tracking Disable			Disable:
Highest: 99.5 Highest: (37.0-40.0°C)/(98.6-104.0°F) FTP Upload Face Tracking Enable Enable Enable: Green square will be shown on the screen to display face tracking Disable	Temp. Unit		Celsius or Fahrenheit
Other Config FTP Upload Face Tracking Enable Enable Enable: Green square will be shown on the screen to display face tracking Disable	Normal Temp. Range	Lowest:95.0	Lowest: (32.0-35° C)/(89.6-95.0° F)
FTP Upload Enable Enable: Green square will be shown on the screen to display face tracking Disable		Highest:99.5	Highest: (37.0-40.0°C)/(98.6-104.0°F)
Face Tracking Enable Enable: Green square will be shown on the screen to display face tracking Disable	Other Config		
screen to display face tracking Disable	FTP Upload	Enable	
Face and Screen Disable Camera moves up and down to track	Face Tracking	Enable	screen to display face tracking
	Face and Screen	Disable	Camera moves up and down to track

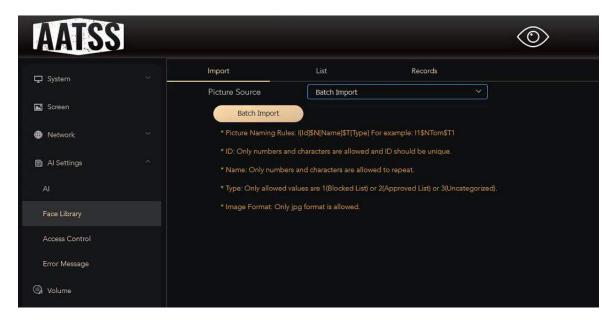


3.3.10 Face library

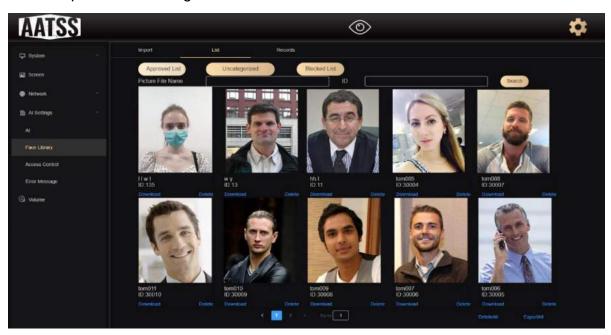
You can import pictures from your PC, or use a snapshot directly. Fill out the picture's information below it to add to the whitelist, uncategorized or blacklist database.







You can preview the image here

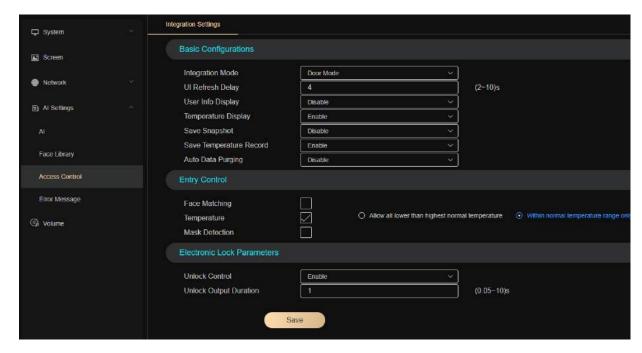


You can check all the saved records here.



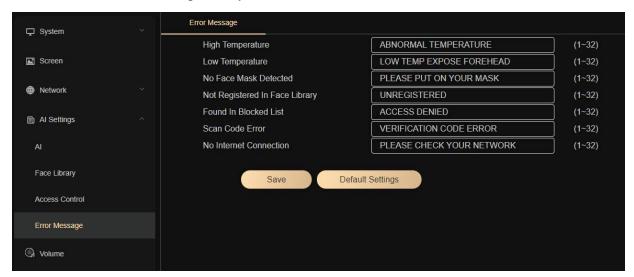
3.3.11 Integration

Basic Configurations	Default	Description
Integration Mode	Door Mode	
UI Refresh Delay	4	(2-10s)
User info Display	Disable	Option to display user's info
Temperature display	Enable	Option to display the temperature
Save Snapshot	Disable	Option to save snapshot
Save Temperature Record	Enable	Option to save temperature
Entry Control		
Face Matching		Identity verification
Temperature	Enable	Temperature verification
Mask Detection		Mask verification



3.3.12 Error Message

You can set error messages as you will.

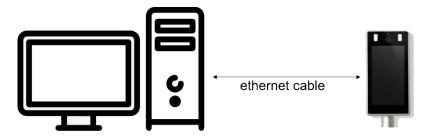


3.3.13 Volume

Here you can adjust the volume settings, enable audio, or disable it.

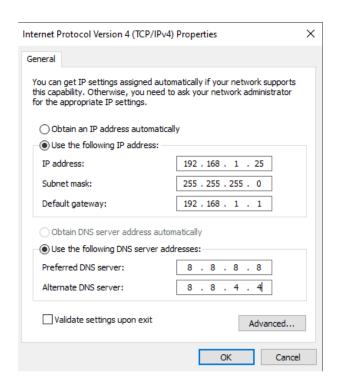


3.3.14 V3 connected to PC directly via ethernet cable



To connect the V3 directly to your PC, in case there is no network or in an emergency, please see below steps:

- 1. Use the ethernet cable to connect your V3 to PC.
- 2. Open the Desktop Management Terminal, obtain the V3 IP address and gateway address, e.g. 192.168.1.8
- 3. The PC IP address should be static address. Gateway should be same as the V3 IP address



4. Type http://192.168.1.8 in IE Explorer or Chrome to open the webpage to manage your device.

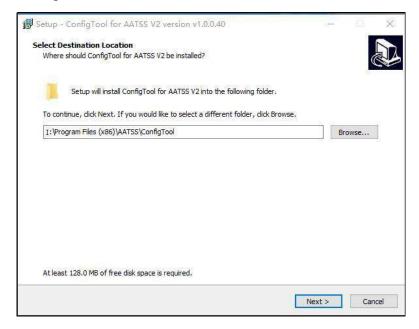
4. Desktop Management Terminal

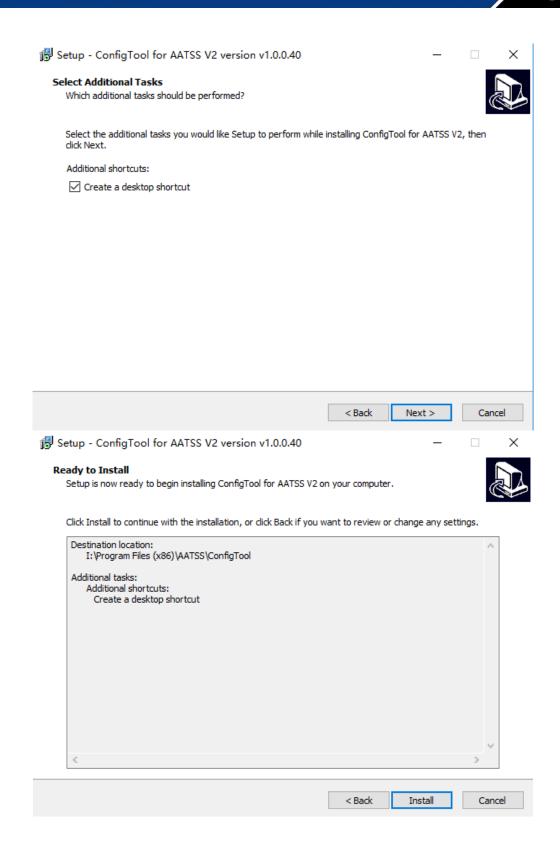
◆ 4.1 Setup

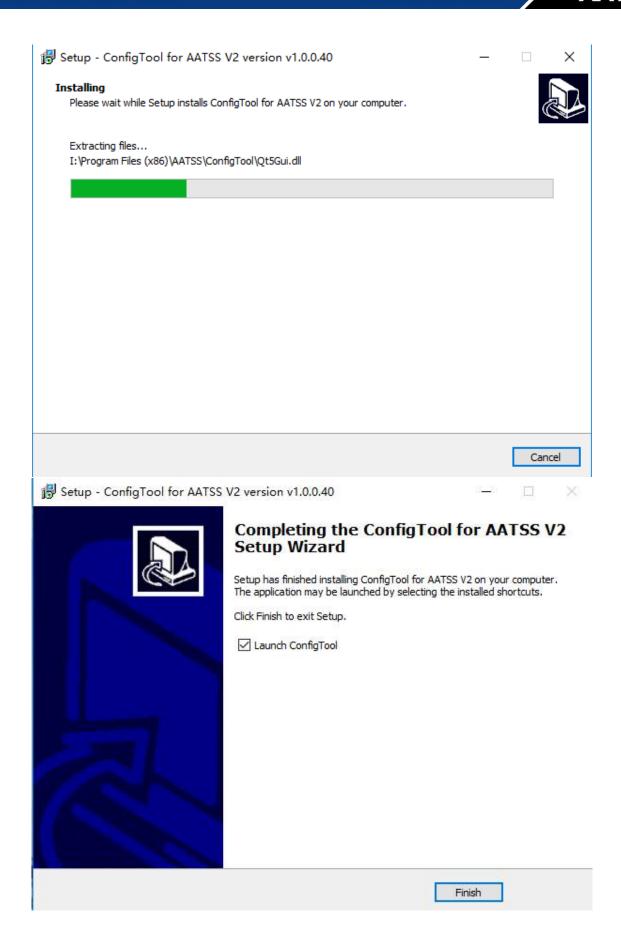
Please install the ConfigTool for AATSS V3 on your PC.

Installation steps:

Download the ConfigTool, then install it like below:

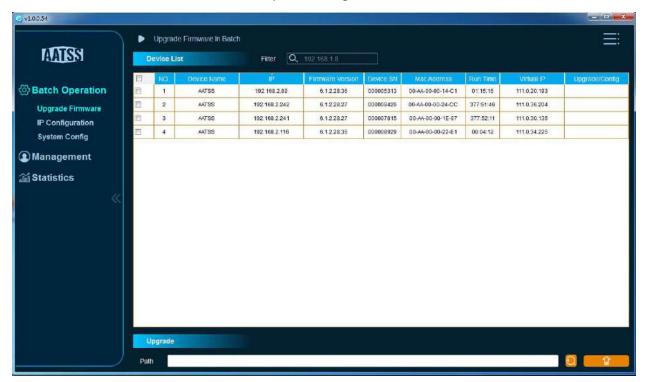






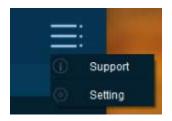
◆ 4.2 Main interface

Here you can see a list of all your AATSS V3 devices, IP addresses, firmware versions and other details. You can apply updates to multiple devices through this terminal, as well as view data and adjust settings for individual devices.



4.2.1 Support

Click "Support" to display software information.

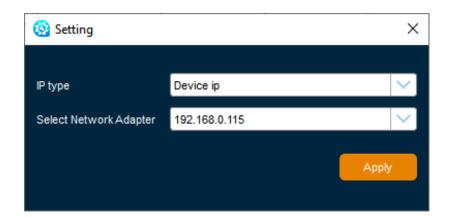




4.2.2 Setting

Click "Settings"; if there is more than one NIC, and devices couldn't be shown on the list, you need to change the IP address using Select Network Adapter, see below.

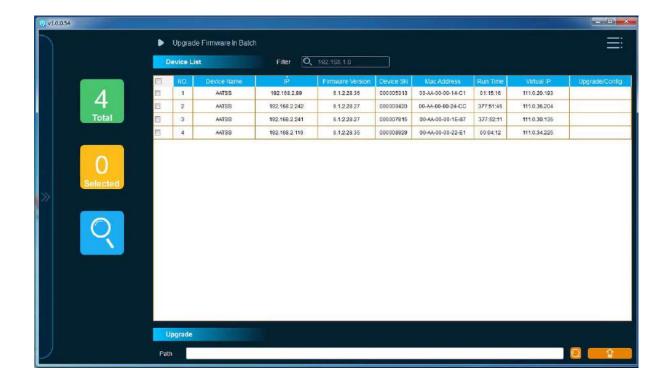




◆ 4.3 Batch Operation

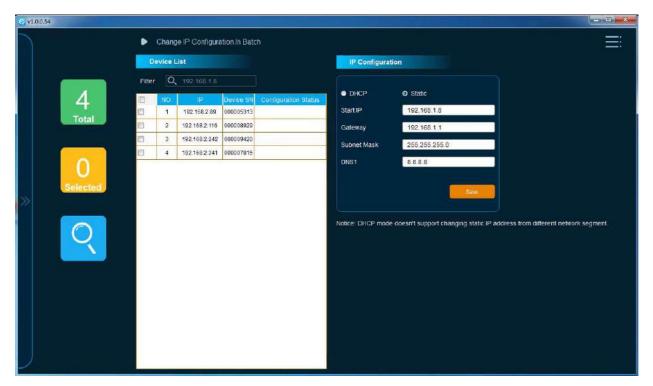
4.3.1 Upgrade Firmware in Batch

You can select multiple devices in the same network segment to upgrade the firmware. If there are devices in the multiple network segment, you can upgrade them in batches.



4.3.2 Change IP Configuration in Batch

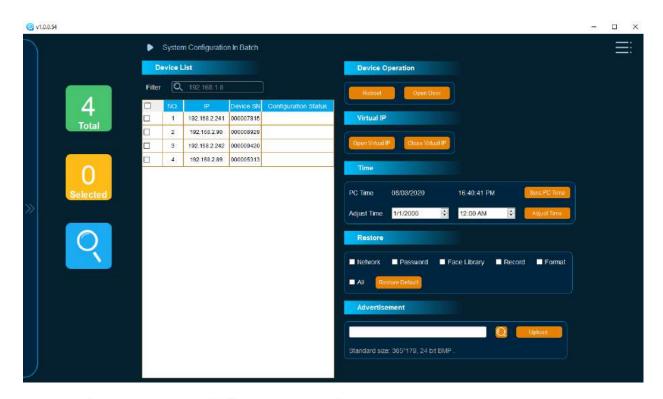
Select multiple devices to set the fixed IP address, enter the starting gateway IP and other IP parameters. The selected devices will be collected in order to configure the IP address.

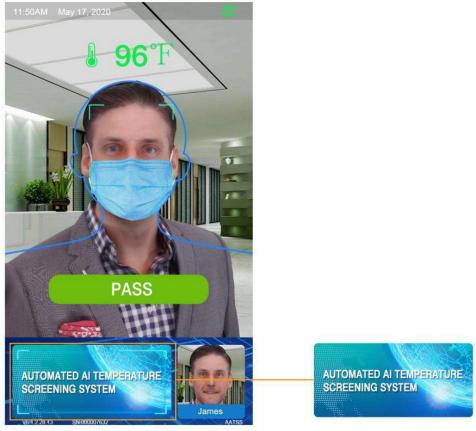


4.3.3 System Configuration in Batch

Select devices to batch operate the following functions:

Device Operation	Reboot	
	Open Door	
Virtual IP	Open Virtual IP	Virtual IP will be turned on when system cannot find the device
	Close Virtual IP	Close is the default setting
Time	Sync PC Time	Sync PC time
	Adjust Time	Automatically correct the device time according to the selected time zone (default automatic correction)
Restore		Restore factory setting of selected items
Advertisement	Upload	Customize the advertising image in the lower right corner of the device. Size: 385x179, 24-bit BMP

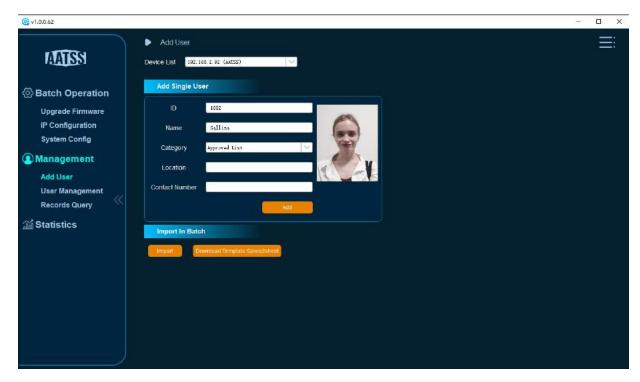




◆ 4.4 User

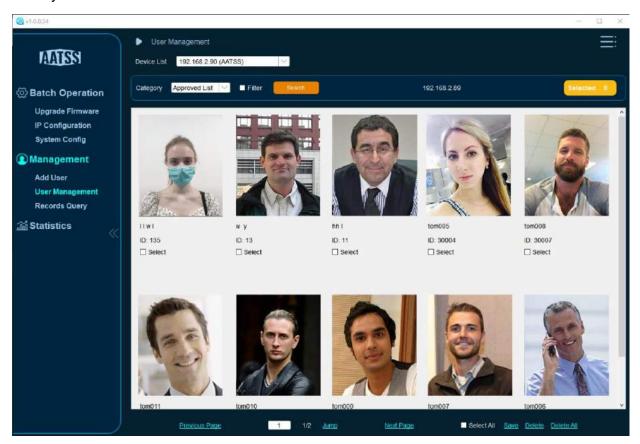
4.4.1 Add user

Here you may add users to the whitelist, blacklist and uncategorized databases.



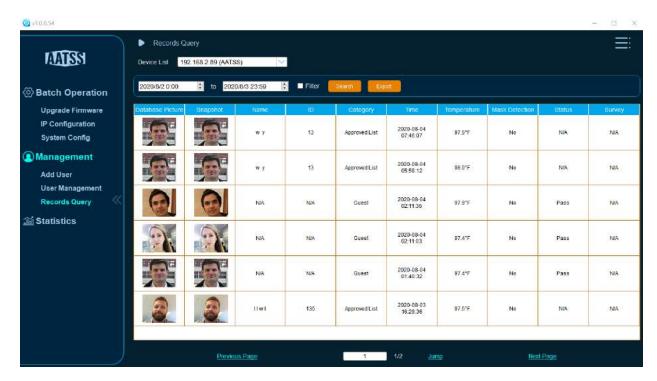
4.4.2 User management

Here you can edit user information.



4.4.3 Records query

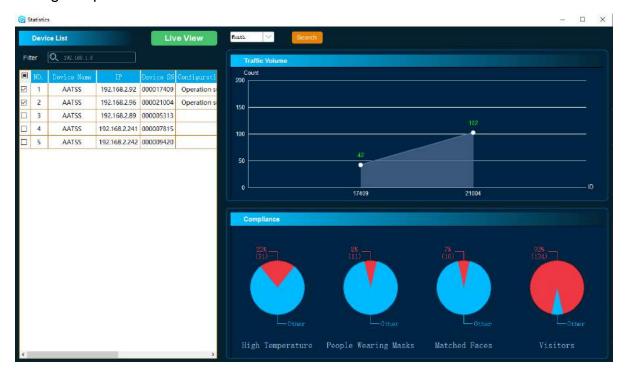
You can find all records here.



4.5 Statistics

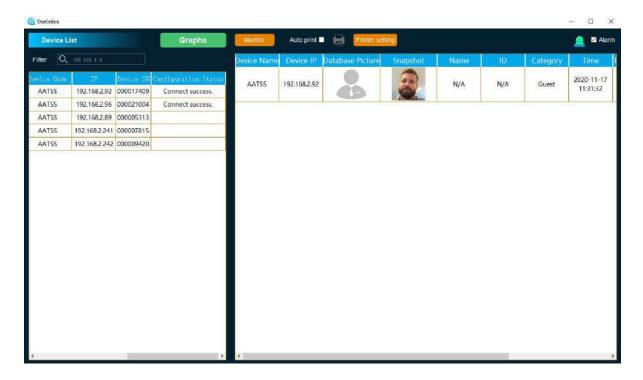
4.5.1 Graphs

Select one or more devices, then select a period of time (day, week, month), click "search", and the total number of temperature scanning of the selected device during this period of time will be counted in the line chart.



4.5.2 Live View

This screen provides a live feed of all temperature screenings currently being conducted. If an abnormal temperature is detected, the system will provide an audible alarm to notify the person viewing the screen.



5. Maintenance

- Thermal infrared detection works best indoors. The AATSS V3 is resistant to sunlight interference and can be used outdoors, however, please avoid direct sunlight on the device or the face of the person being screened when possible. We recommend a well shaded area for best performance. Limit exposure to weather and rain.
- When installing the AATSS V3, please avoid heat sources such as vents and hot electronic equipment.
- Standard cleaning products can be used to clean the system.
- We recommend restarting the device once a day to ensure normal function

6. Specification

CAMERA		
Resolution	2 million pixels 1920x1080P	
Туре	120° wide-angle dynamic	
Focusing Distance	3.6 mm	

White Balancing	AUTO	
SCREEN		
Resolution	600 x 1024	
Size	7.0-inch IPS LCD Display	
PROCESSOR		
СРИ	Artosyn AR9021	
Internal Storage Capacity	4 GB eMMC Automatic memory management. Can store 10000 log entries and 10,000 individual identities.	
ACCESSORIES		
Fill Light	Dual fill light	
INTERFACE	,	
Operating System	Linux	
Network Module	Network Module Ethernet (Wi-Fi coming soon)	
Audio	8R/1W	
Relay Output	1 open door signal output (Dry contact)	
LAN	1 RJ45 Ethernet socket	
INFRARED THERMAL MODULE		
Temperature Detection Distance	0.5M – 1M	
Measurement Resolution	0.018 °F	
Temperature Measurement Accuracy	≤ ± 0.3°F (Medical Grade)	
Temperature Measurement Range	96.8°F ~ 104°F	
Abnormal Temperature Alarm	Customizable – Email/ SMS/ Push notification (Default is audible alarm)	
GENERAL		
Power Supply	DC 12V	
Operating Temp.	32°F - 95°F	
Storage Temp.	60°F - 140°F	
Power Consumption	6W	
Dimensions	240x120x30mm	
Weight	1.2kg/2.6 pounds	

POE Splitter Input	DC 48V - 57V
POE Splitter Output	IEEE802.3AT IEEE802.3AF

7. Warranty

Full 1-year manufacturer warranty. (Extendable up to 3 years) More information.

Return within 14 days of receiving shipment for a full refund minus return shipping. If return is due to manufacturing defect all shipping costs will be covered.



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