

AIJO Site Monitor

User Guide
《version 1.9》

COMSYS JOHO SYSTEM Corporation

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1. Introduction

Thank you for purchasing AIJO Site Monitor (ASM).

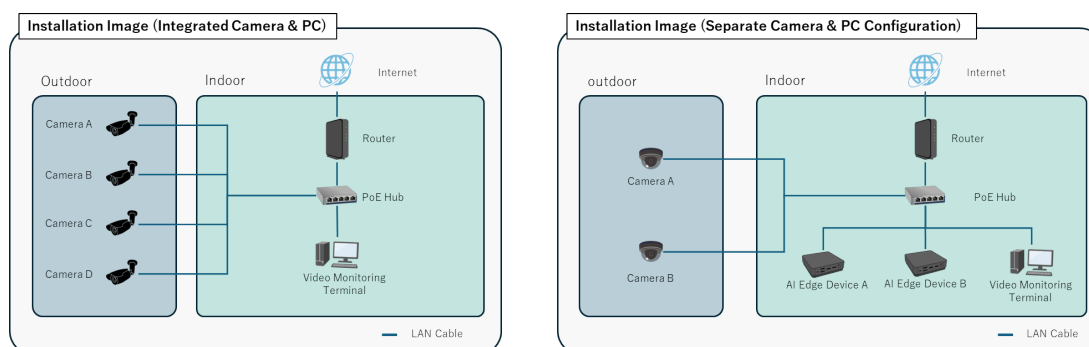
This User Guide explains ASM's screens and basic usage.

2. Product Overview

2.1 Functional Overview

ASM is a surveillance solution consisting of a Viewer terminal for checking camera footage and an Edge terminal that performs on-site monitoring and recording.

The system configuration is as shown below.



2.2 Installation

You will need to prepare a PC for the Viewer terminal. This section explains the hardware requirements and installation procedures.

2.2.1 Hardware Requirements

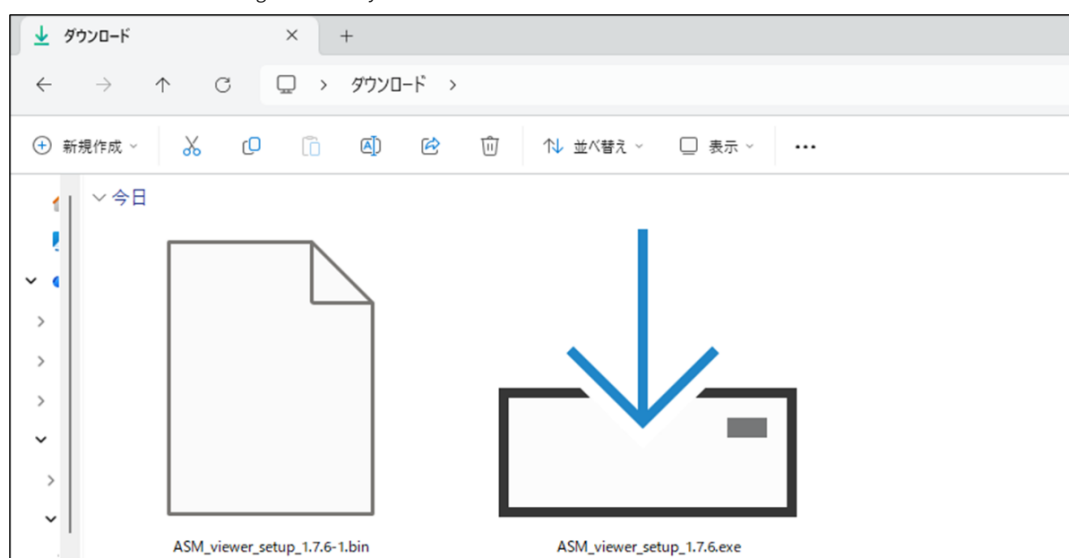
The hardware requirements are as follows:

Specification	Requirements
OS	Windows 11 or later
CPU	11th Gen or later (Intel), Zen2 or later (Ryzen)
Memory	8GB or more
Hard Disk	At least 20GB of available space
Graphics	Full HD resolution or higher

2.2.2 How to Install

Clicking the "ASM Viewer download" button on the Edge device System screen opens the ASM Viewer version-selection portal in the Edge device's current language. Select the version you need, then download its installer.

1. Please make sure that there are the following two files in your download folder.



2. Double-click the "ASM_viewer_setup_x.y.z.exe" file to launch the installer.
3. When a blue pop-up screen displaying "Windows protected your PC" appears, click the "More info" button, followed by the "Run anyway" button in the lower right.
4. A pop-up asking "Do you want to allow this app from an unknown publisher to make changes to your device?" will appear. Click the "Yes" button to start the installer.
5. Confirm that the "Create a desktop icon (D)" and "Install the CA certificate into Trusted Root Certification Authorities" options are selected, then click the "Next" and "Install" buttons in sequence.

This completes the procedure.

3. Certificate Installation Procedure

With the standard Viewer installer settings, the private CA certificate is automatically installed into Windows Trusted Root Certification Authorities. If you leave the "Install the CA certificate into Trusted Root Certification Authorities" option selected, you do not need to open `ca.crt` manually.

If CA installation fails, or if you cleared the CA installation option during setup, follow the Windows manual procedure in `C:\Comjo\AIJO Site Monitor\Viewer\CA\README.md`. If Firefox is configured to use its own certificate store, also follow the Firefox procedure in that README.

This completes the procedure.

4. About Simultaneous Multi-Camera Connection

You can connect multiple cameras to one AI Edge device. However, the number of connectable cameras depends on the hardware configuration and operating environment. For details, please contact us.

The recommended operating environment is one camera per AI Edge device.

When multiple cameras are connected, the access URL for the ASM Edge screen is as follows:

Number of Cameras	ASM Edge Screen Access URL
1st camera	https://[AI Edge device IP address]:10000
2nd camera	https://[AI Edge device IP address]:20000
3rd camera	https://[AI Edge device IP address]:30000

Also, set the connection port number entered in [Viewer Camera connect](#) to the following value according to the camera count.

Number of Cameras	Connection Port Number
1st camera	10010
2nd camera	20010
3rd camera	30010

5. ASM Viewer

Click on the shortcut icon of the "AIJO Site Monitor Viewer" app on the desktop of the PC to launch the application.

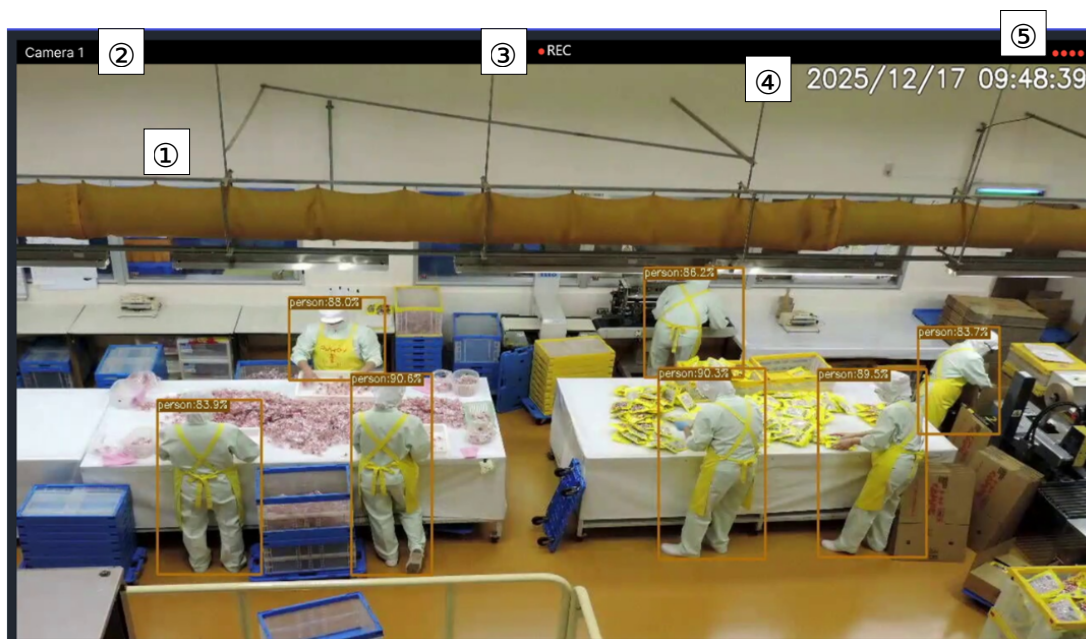
The Viewer terminal PC provides the following screens:

Name	Description
1grid	Display of footage from one Edge device camera
4grid	Display of footage from four Edge device cameras
9grid	Display of footage from nine Edge device cameras
16grid	Display of footage from sixteen Edge device cameras
25grid	Display of footage from twenty-five Edge device cameras
36grid	Display of footage from thirty-six Edge device cameras
Camera connect	Settings for connecting to Edge device cameras
Grid setting	Configuration for the display in "1grid", "4grid", "9grid", "16grid", "25grid", and "36grid" screens

5.1 1grid & 4grid & 9grid & 16grid & 25grid & 36grid Screen

In this screen, you can check the footage from the connected Edge device camera.

The displayed footage can be set in the Viewer terminal PC's 'Grid setting' screen, and the detection targets and detection area settings can be configured from the Edge device camera's 'Task' screen.



No	Name	Details
1	Edge Device Camera Image	The video feed from the configured Edge device is displayed. When an object is detected, the detection name and a bounding box appear.
2	Camera Name	Displays the camera name of the Edge device camera currently showing the video feed.
3	Recording Mode	When the recording mode is enabled, the “REC” icon is displayed on the screen.
4	Time	Displays the time of footage analysis on the Edge device camera.
5	Detection Status	When a detection target is detected, the display changes to red.

5.2 Camera connect Screen

This screen supports up to 36 Edge device connections.

Use the "Protocol" field in each connection row to select RTSP or WebRTC for that row. The default protocol is WebRTC.

1. Click "SEARCH EDGE," then select "Yes" in the confirmation dialog. The Viewer searches for Edge devices on the same network and fills in "Camera name," "IP address," and "Port." Confirming the search resets the connection list and sets "Protocol" to WebRTC in every row. You can also enter connection details manually.
2. In each row that requires a different video transport, select RTSP or WebRTC from "Protocol."
3. Enter the "Login ID" and "Password" configured on the Edge device.

The initial credentials are:

```
Login ID: admin
Password: admin
```

WebRTC requires all of the following network conditions:

- The Viewer validates the Edge device using the **bundled ASM CA certificate** in addition to the Windows trust store. Also follow the [Certificate Installation Procedure](#) to open the Edge configuration screen in a web browser.
- The Viewer can reach TCP port **11301** on the Edge device. This port is used for the HTTPS WHEP connection.
- The Viewer can reach UDP port **8189** on the Edge device. This port is used for ICE media transport.

If WebRTC video reception fails, the Viewer does not automatically fall back to RTSP. Return to the "Camera connect" screen and manually change "Protocol" to RTSP in the affected row.

Upon successful connection, you can navigate from this screen to the configuration screen for each Edge device camera.

Camera connect
2 configured · 1 connected

① ② ③ ⑫

SEARCH EDGE

Filter by camera name or IP address ☐ Show all 36 slots + ADD MANUALLY

No.	Status	Camera name	IP address	Port	Protocol	Login ID	Password
1	✓	camera1	192.168.0.3	10010	WebRTC	admin	
2	⚠	camera2	192.168.0.3	20010	WebRTC	admin	

④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

No	Name	Description
1	Search Filter	Filters connection rows by camera name or IP address.
2	Show All 36 Slots Checkbox	Select to display up to 36 connection rows.
3	Add Manually Button	Click to manually add a connection row.
4	Edge Device Camera Status	Indicates the connection status with the Edge device camera. A check mark is displayed for connected status and a caution mark is displayed for disconnected status.
5	Camera Name	Enter the name of the camera displayed in the upper left corner of each grid screen.
6	IP Address	Enter the IP address of the connected Edge device camera (can be changed from the Edge device camera's "Network" screen).
7	Port Number	Enter the port number of the connected Edge device camera.
8	Video Protocol	Select RTSP or WebRTC for each connection row.
9	Login ID	Enter the Login ID of the connected Edge device camera.
10	Password	Enter the password of the connected Edge device camera (can be changed from the Edge device camera's "Change password" screen).
11	Edge Device Camera Access Button	Click to access the screen of a connected Edge device camera.
12	Edge Device Camera Detection Button	Automatically detect Edge device cameras on the same network by clicking.

5.3 Grid setting Screen

In this screen, you can configure displayed footage for each grid layout from connected Edge device cameras. Select a layout in “1. Choose grid size,” then select a camera for each Position in “2. Assign cameras to positions.” Changes are saved automatically, and a camera can be assigned only once per layout.

Grid setting

Choose a layout, then assign connected cameras to each display position.

1. Choose grid size

1
4
9
16
25
36

2. Assign cameras to positions

Changes are saved automatically.
A camera can be assigned once per layout.

9-grid layout

Position 1

camera1

Position 2

Position 3

camera2

Position 4

Position 5

Position 6

Position 7

Position 8

Position 9

2 of 9 positions assigned

No	Name	Description
1	Grid Size Selector	Select the 1, 4, 9, 16, 25, or 36-grid layout to configure. The selection is not saved.
2	Assignment Status	Displays the number of assigned Positions in the selected layout.
3	Position Card	Select a connected camera or select the blank option for each Position. Changes are saved automatically.

6. ASM Edge

On the Viewer terminal PC's "Camera connect" screen or in the web browser's URL, you can access the Edge device camera by entering the Edge device camera's IP address (e.g., [https://\"Edge device camera's IP address\":10000](https://\)).

The Edge device camera provides the following screens:

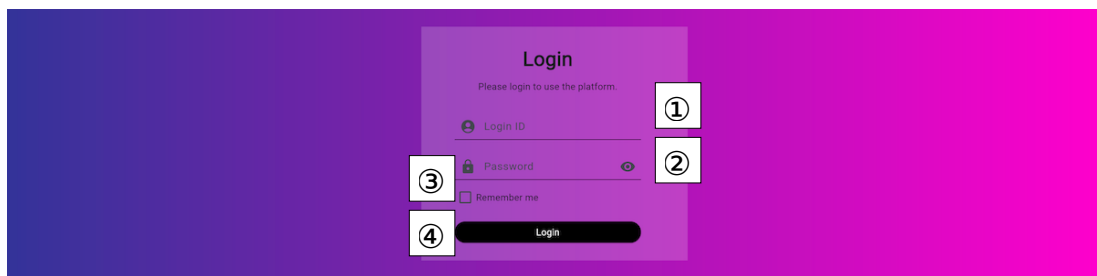
Name	Description
Login	Login screen
C1~C3	Switch between Camera 1 to Camera 3 AI model switching is available only on the C1 (Camera 1) screen.
Basic info	Screen displaying basic information of the Edge device camera
Preview	Screen displaying footage and detection results of the Edge device camera
Network	Screen to change the network information of the Edge device camera
Record	Settings screen for recording function
Task	Screen for setting detection targets and detection areas
Notification	Settings screen for notifications
Change Password	Screen to change the Edge device camera's password
Log	ASM log output screen
System	Screen for restarting the application, rebooting the device, and shutting down the device

Clicking the "Logout" button in the bottom left of the screen will log you out and navigate to the login screen.

6.1 Login Screen

When you access the page on the Edge device camera, this screen is displayed.

On this screen, you will enter your login ID and password for the Edge device camera to log in.



No	Name	Description
1	Login ID	Enter the specified login ID.
2	Password	Enter the initial password or the password you have set yourself.
3	Auto Fill ON/OFF	When enabled, the login ID and password will be automatically filled in for future logins.
4	Login Button	Click to log in after entering the login ID and password.

6.2 Basic info Screen

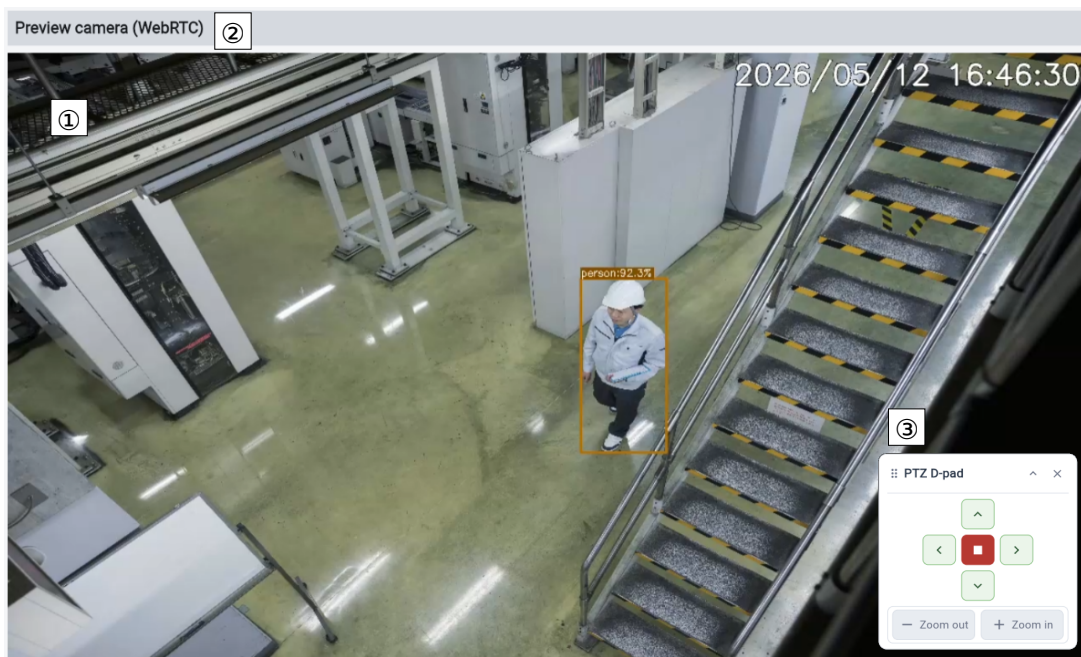
In this screen, you can check the basic information of the Edge device camera.

Basic information	
Software version	v1.9.2 (feature/#876-display-maintenance-ip-addresses build.20260822)
Camera name	ASM development camera ②
Camera index	Camera 1
Serial number	1423725049485
IP address	192.168.0.141 ①
Global IP address	61.12.238.195
Maintenance IP address	100.100.136.47
Subnet mask	255.255.255.0
Default gateway	192.168.0.1
MAC address	3C:6D:66:B5:3A:E9

No	Name	Description
1	Edge device camera details	Displays various basic information of the connected Edge device camera.
2	Camera name	You can change the camera name.

6.3 Preview Screen

In this screen, you can display the footage reflecting the settings made in the "Task" screen of the Edge device camera.



No	Name	Description
1	Edge device camera Footage	Displays the footage from the Edge device camera and the detection results of the objects.
2	Video Streaming Mode	Displays the current video streaming mode. You can change it on the System Screen .
3	PTZ controls	For an ONVIF Profile S IP camera, hold a direction or zoom button in the floating panel over the video. Drag the header to move it within the video, or close it and reopen it with the "PTZ" button at the lower right. Releasing, leaving the panel, or leaving the screen stops the camera.

While PTZ support is being checked, or for USB/OFF, unsupported, unreachable, or authentication-failed cameras, the video remains available and all PTZ controls are disabled. The screen never displays the RTSP URL, user name, or password.

6.4 Network Screen

In this screen, you can change the network information of the Edge device camera.

There are precautions for making changes, please be sure to read the following before proceeding with the execution.

Network setting

DHCP enable

☒

①

New IP address

192.168.10.86

②

New Subnet mask

255.255.255.0

③

New Default gateway

192.168.10.254

④

APPLY

⑤

No	Name	Description
1	DHCP ON/OFF	When ON, the IP address is assigned automatically; when OFF, you must configure it manually.
2	New IP Address	Enter the new IP address for the change.
3	New Subnet Mask	Enter the new subnet mask for the change.
4	New Default Gateway	Enter the new default gateway address for the change.
5	Network Change Button	Click to apply the changes (Please read the notes below carefully before making changes).

When you click the Network Change Button, a pop-up like the following will appear.

Click the "Yes" button to restart the Edge device camera to change the network information.

If you are manually changing the network information, please make sure to enter the correct addresses.

Warning!

If the information entered is not as intended, the connection may not be established.
Are you sure you want to reflect your input and restart?

Yes

No

6.5 Record Screen

This screen provides recording settings, a storage capacity summary, and recording data search and management. When NAS(CIFS) is selected as the destination, click "CONNECT" to connect to it. On supported devices, the fixed SD card can be selected as "SD card". Use the Record screen to view, play, download, and delete recording data.

Record setting

Disk Usage (GB)

Used 70.2 GB / Total Size 232.2 GB

Free: 150.2 GB 30.2%

☒ Enable
 ☐ Loop recording
 ☐ Detect only

External storage

Local

Authentication

User

Password

Host

Path

CONNECT

Recording data

Download

Delete

Recorded From

Recorded To

Detected Class

Apply

☐	Recorded at	Size	Detection result	Thumbnail	Refresh
☐	2026-08-22 10:23:13	42.0 MB	person		
☐	2026-08-22 10:20:13	41.1 MB	person		

Showing: 2/2 Selected: 0

« Back 10

< Prev

Page 1/1

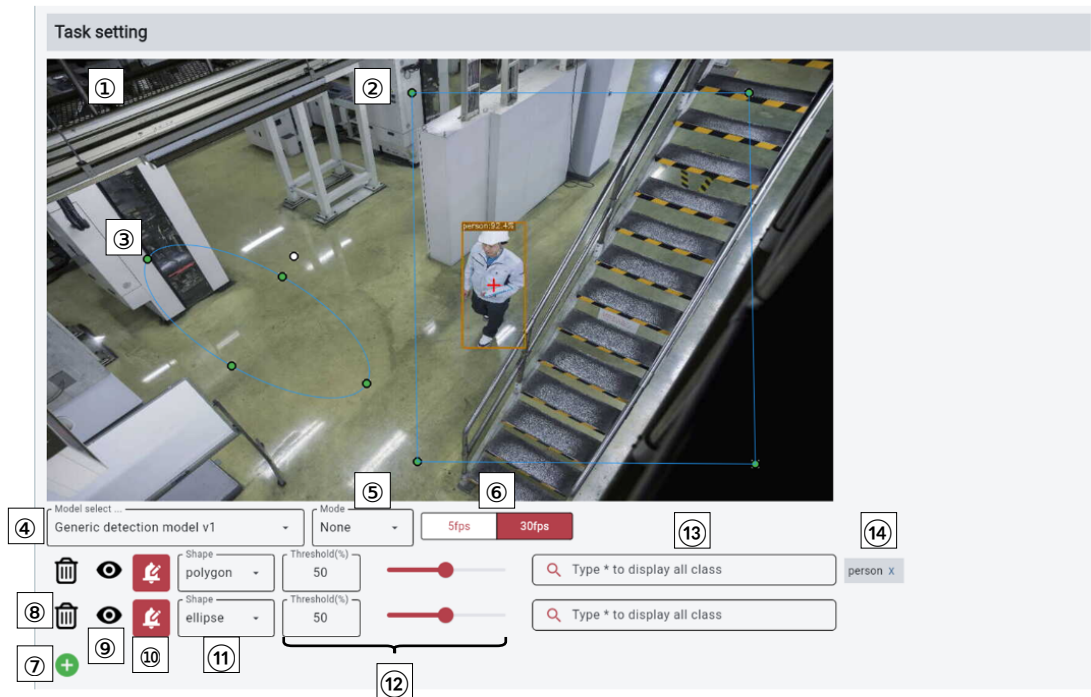
> Next

» Next 10

No	Name	Description
1	Recording settings	Toggle "Enable", "Loop recording", and "Detect only". When "Enable" is on, footage with detection results is saved. When "Detect only" is on, footage without detections is not saved. When loop recording is enabled, old footage is deleted to save new footage after the destination becomes full.
2	Storage settings	Under "External storage", select Local, NAS(CIFS), or SD card on a supported device. If the SD card is not exFAT, select "Format SD card" while recording is stopped, confirm that all data on the SD card will be deleted, and then format it as exFAT. An absent, unsupported, or non-exFAT SD card cannot be selected as the recording destination.
3	Capacity summary	"Disk Usage (GB)" shows used, free, and total capacity together with the usage rate.
4	List actions	Select recording data and click "Download" to obtain the recording files. Click "Delete" to delete the selected files after confirmation.
5	Recorded From	Enter a date or date and time in "Recorded From", or use the date and time pickers to specify the start condition. The input can be cleared.
6	Recorded To	Enter a date or date and time in "Recorded To", or use the date and time pickers to specify the end condition.
7	Detected Class filter	Enter detected classes such as "person car" in "Detected Class" and click "Apply" to filter the recording data. The input can be cleared.
8	Recording data selection	Select recording data with the checkboxes. The first checkbox selects or clears all results matching the filters. The list shows recorded time, size, detection result, and thumbnail.
9	Thumbnail playback	Click a thumbnail to open a dialog that plays the recording video.
10	Refresh and pagination	Click "Refresh" to reload the capacity summary and list. Use "Back 10", "Prev", "Next", and "Next 10" to move through the list pages.

6.6 Task Screen

In this screen, you can configure monitoring settings for the Edge device camera.



No	Name	Description
1	Edge device camera Footage	Displays the footage from the Edge device camera and the detection results of the objects.
2	Detection Area (Polygon)	Detects within the range of a polygon. You can add vertices with a double click and move the area by dragging the vertices.
3	Detection Area (Ellipse)	Detects within the range of an ellipse. You can change the angle at the white point on the top of the ellipse and adjust the area by dragging the vertices.
4	Detection AI Model	Sets the AI model for detection. AI model switching is available only on the C1 (Camera 1) screen.
5	Detection Mode	Specifies the criteria for sending notifications based on AI detection results. Select from 4 modes: None, Count, Stay, and Crowded. With "None," notifications are sent whenever the AI detects a target object.
6	Display FPS	Sets the frame rate for the confirmation video. The frame rate of the delivered video will not be changed.
7	Add Task	Click to add a task (Up to 3 tasks).
8	Delete Task	Click to delete a task.
9	Hide Detection Area	Hides the detection area.
10	Detection Schedule	You can set the time period for notifying detection results.
11	Specify Detection Area Shape	Specifies the shape of the detection area (Polygon: polygon, Ellipse: ellipse).
12	AI Detection Threshold	Sets the detection threshold for AI.

No	Name	Description
13	Set Detection Target	Sets the detection target for AI (Up to 5 objects).
14	Display Detection Target	Displays the AI detection targets and allows you to remove them by clicking the blue ×.

6.6.1 Detection Schedule

This screen appears when the "Detection Schedule" button is clicked on the Task screen.

The screenshot shows the 'Schedule settings' interface. It features a list of days from Sunday to Saturday. For each day, there are four time selection boxes (each with a dropdown arrow) separated by colons and a tilde (~), followed by an 'Invert' toggle switch. A bracket labeled '2' spans the time selection boxes for all days. A box labeled '1' points to the 'Sun' day button. A box labeled '3' points to the 'Invert' toggle switch for Sunday. At the bottom right, there is an 'Apply' button and a 'Cancel' button, with a box labeled '4' pointing to the 'Apply' button.

No	Name	Description
1	Notification Day of Week	When ON, notifications are sent when the AI detects the target object during the notification time. When ON, the button appears in red.
2	Notification Time	Can be set from 0 to 24 hours, and notifications are sent based on the configured time.
3	Notification Time Invert Mode	When ON, notifications are suppressed during the set notification time, and only sent when the AI detects the target object outside the notification time.
4	Apply Settings Button	After configuration, click the "Apply" button to apply the settings. Clicking "Cancel" will close without applying and return to the Task screen.

6.6.2 Detection Mode (Count)

Notifications are sent when there are more than the specified number of detection objects in the detection area.

Example: There is 1 or more person in the detection area.

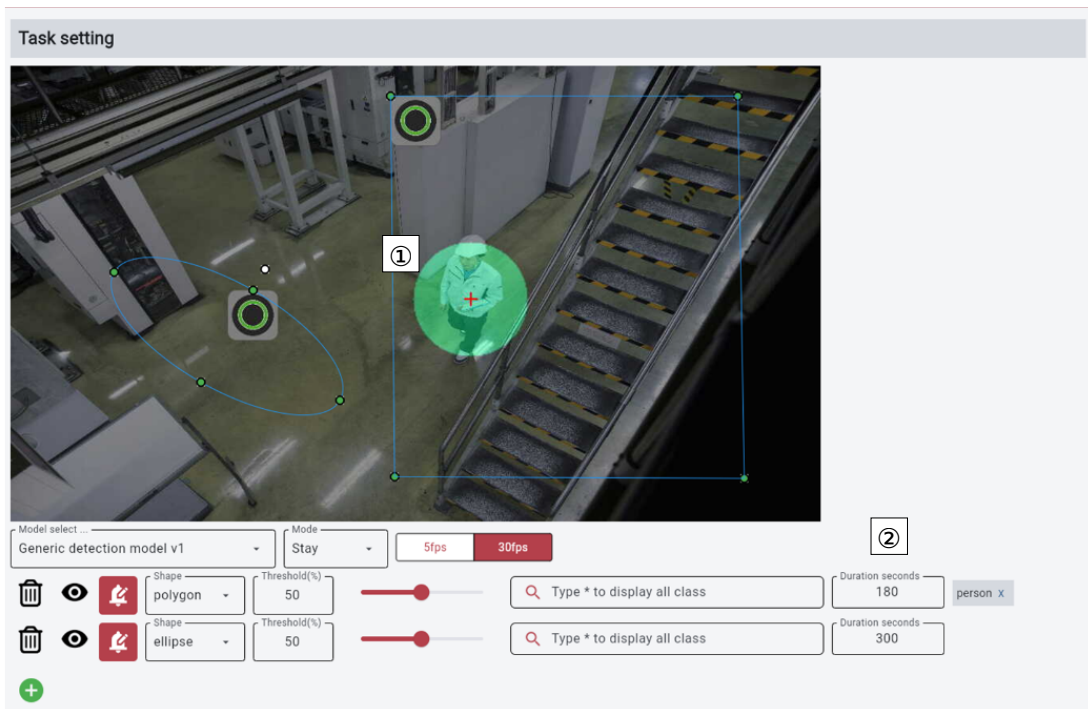


No	Name	Description
1	Detection Status	Displayed in green under normal conditions. Turns red when the number of detected objects exceeds the notification threshold.
2	Notification Threshold (No. of Detected Objects)	Enter the number of detections to trigger notification.

6.6.3 Detection Mode (Stay)

Notifications are sent when detected objects of the same type remain in the detection area for a specified duration or longer.

Example: A person stays in the detection area for 180 seconds (3 minutes) or more.

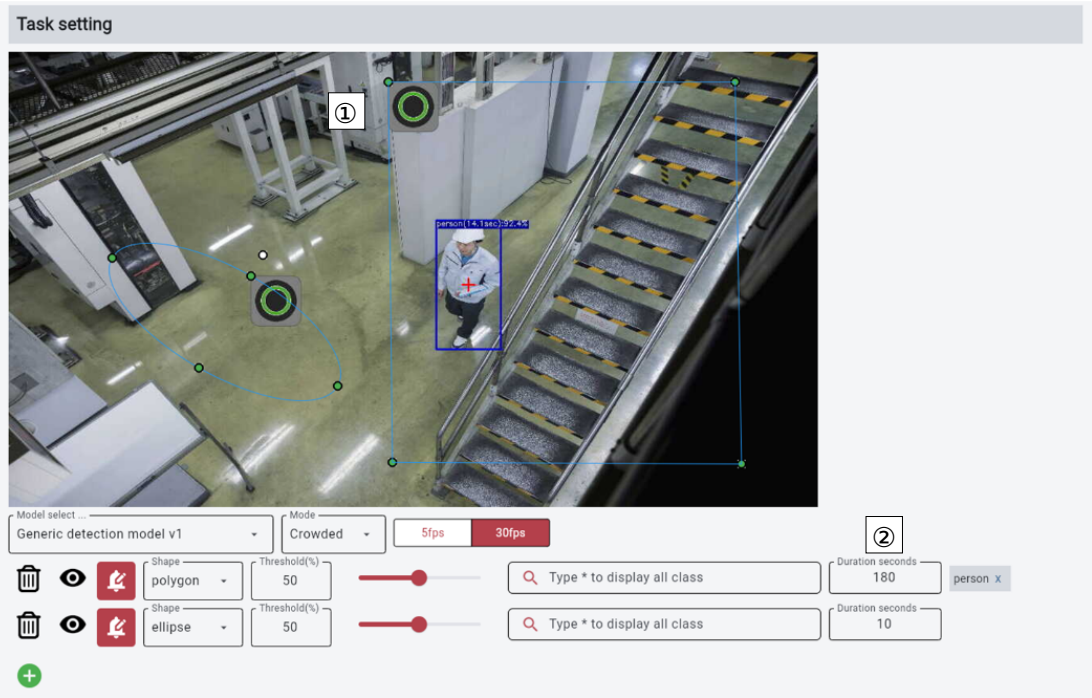


No	Name	Description
1	Detection Status	Displayed as a heat map, the darker the red, the higher the density of the specified detected objects. Normally, a ○ mark is displayed, but if a detected object exists in the specified area for longer than the notification threshold time, a × mark is displayed.
2	Notification Threshold (Stay Time)	Enter the stay time to trigger notification.

6.6.4 Detection Mode (Crowded)

Notifications are sent when an individual detected object remains in the detection area for a specified time or longer (object tracking is enabled).

Example: The same person stays in the detection area for 180 seconds (3 minutes) or more.



No	Name	Description
1	Detection Status	Tracks the detected object and displays the time the same object has stayed in the bounding box. The line color becomes red as the stay time increases. Normally, a ○ mark is displayed, but if the same detected object exists in the specified area for longer than the notification threshold time, a × mark is displayed.
2	Notification Threshold (Stay Time)	Enter the stay time to trigger notification.

6.7 Notification Screen

In this screen, you can configure notification settings from the Edge device camera, with notification methods available: Email (Custom), Email (AWS SES), Webhook, Slack, InfluxDB, and Log only.

Note: Email (AWS SES) is not a standard feature. Please contact us if you wish to use it.

6.7.1 Standard Screen

The screenshot shows the 'Notification setting' interface. It includes a title bar, a 'Notification enable' checkbox with callout 1, an 'Alert event' section with 'System Event' and 'Detect Event' checkboxes and callout 2, a 'Notification type' dropdown menu with callout 3, and an 'Interval timer (sec)' input field with callout 4. At the bottom, there are two buttons: 'SEND A TEST NOTIFICATION' with callout 5 and a red 'APPLY' button with callout 6.

No	Name	Description
1	Notification ON/OFF	When ON, notifications will be sent to the specified destination based on the notification type.
2	Notification Type	"System Event" sends notifications for events such as reaching the recording capacity limit or error occurrences, while "Detect Event" sends notifications when an object is detected.
3	Notification Method	Select Email (Custom), Email (AWS SES), Webhook, Slack, InfluxDB, or Log only. To use Email (AWS SES), please contact us.
4	Notification Interval	Set the interval between the first and subsequent notifications.
5	Test Send Button	When clicked, a test notification is sent to the specified destination.
6	Apply Notification Settings Button	When clicked, the configured settings will be applied.

6.7.2 Email

Notification setting

Notification enable ☒

Alert event

☐ System Event
☒ Detect Event

Notification type

EEmail (custom)

Interval timer (sec)

180

Attached file

☐ ①

SMTP host

②

SMTP port

③

Send to mail address

example@example.com,user@domain.com (max 5 addresses) ④

User

⑤

Password

⑥

Encryption

None ⑦

Text

• Timestamp: <TIMESTAMP>

• Location: <CAMNAME>

• Description: <AIDETAIL>

• Image URL: <SNAPSHOTURL>

• Video URL: <VIDEOURL>

⑧

formal reserved words: <TIMESTAMP>, <CAMNAME>, <AIDETAIL>, <SNAPSHOTURL>, <VIDEOURL>

SEND A TEST NOTIFICATION

APPLY

No	Name	Description
1	Attached File	Enable or disable the attachment of detection images.
2	SMTP Host	Enter the address of the SMTP server.
3	SMTP Port	Enter the port number of the SMTP server.
4	Recipient Email Address	Enter the email address of the recipient.
5	SMTP User	Enter the username for the SMTP server.
6	SMTP Password	Enter the password for the SMTP server.
7	Encryption	Set the email encryption method.
8	Notification Content Body	Sets the content of the notification email. Additionally, The following reserved words can be used when creating notification content: <TIMESTAMP> (camera footage time) <CAMNAME> (camera name) <AIDETAIL> (detection result) <SNAPSHOTURL> (image URL at the time of notification) <VIDEOURL>(video URL at the time of notification).

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6.7.3 Webhook

Notification setting

Notification enable
☒

Alert event
☐ System Event
☒ Detect Event

Notification type
Webhook

Interval timer (sec)
180

Method
POST
1

Webhook URL
2

Headers
{"Content-Type": "application/json"}
3

Body type
JSON
4

Body
{"message": "<MESSAGE>", "timestamp": "<TIMESTAMP>"}
5

Reserved words: <TIMESTAMP>, <CAMNAME>, <A/DETAIL>, <SNAPSHOTURL>, <VIDEOURL>, <MESSAGE>

Success status
200
6

Auth type
None
7

User
8

Password
9

No-detection Webhook
☐
10

No-detection timer (sec)
0
11

No-detection method
POST
12

No-detection Webhook URL
13

No-detection headers
{"Content-Type": "application/json"}
14

No-detection body type
JSON
15

No-detection body
{"message": "<MESSAGE>", "timestamp": "<TIMESTAMP>"}
16

Reserved words: <TIMESTAMP>, <CAMNAME>, <A/DETAIL>, <SNAPSHOTURL>, <VIDEOURL>, <MESSAGE>

No-detection success status
200
17

No-detection auth type
None
18

No-detection user
19

No-detection password
20

SEND A TEST NOTIFICATION
APPLY

No	Name	Description
1	Method	Select the HTTP method for the detection Webhook. You can select GET, POST, PUT, PATCH, DELETE, HEAD, or OPTIONS.
2	Webhook URL	Enter the Webhook URL to send when detection occurs.
3	Headers	Set the HTTP headers for the detection Webhook in JSON format. Example: {"Content-Type": "application/json"}.
4	Body type	Select the Body format for the detection Webhook. You can select JSON, Raw, or None.
5	Body	Set the Body to send with the detection Webhook. Enter JSON when JSON is selected, or any text when Raw is selected. The following reserved words can be used when creating notification content: <TIMESTAMP> (camera footage time) <CAMNAME> (camera name) <AIDETAIL> (detection result) <SNAPSHOTURL> (image URL at the time of notification) <VIDEOURL> (video URL at the time of notification) <MESSAGE> (message).
6	Success status	Set the HTTP status code that indicates a successful Webhook send. You can specify values such as 200, 200,204, or 200-299.
7	Auth type	Select the authentication type for Webhook sending. You can select None, Basic, or Digest.
8	User	Enter the username used for Basic authentication or Digest authentication.
9	Password	Enter the password used for Basic authentication or Digest authentication.
10	No-detection Webhook	When ON, a no-detection Webhook is sent once after detection event updates stop for the configured time. When OFF, no Webhook is sent for the no-detection state. The no-detection Webhook is enabled when Notification is ON, the notification method is Webhook, and Detect Event is ON.
11	No-detection timer (sec)	Sends the no-detection Webhook when detection event updates have stopped for at least this many seconds.
12	No-detection method	Select the HTTP method for the no-detection Webhook. You can select GET, POST, PUT, PATCH, DELETE, HEAD, or OPTIONS.
13	No-detection Webhook URL	Enter the Webhook URL to send when no detection is detected. Use this for speaker stop commands or external device release APIs.
14	No-detection headers	Set the HTTP headers for the no-detection Webhook in JSON format.
15	No-detection body type	Select the Body format for the no-detection Webhook. You can select JSON, Raw, or None.
16	No-detection body	Set the Body to send with the no-detection Webhook. The same reserved words as the detection Webhook can be used. For no-detection Webhooks, <AIDETAIL> is handled as an empty detection result.
17	No-detection success status	Set the HTTP status code that indicates a successful no-detection Webhook send. You can specify values such as 200, 200,204, or 200-299.
18	No-detection auth type	Select the authentication type for no-detection Webhook sending. You can select None, Basic, or Digest.
19	No-detection user	Enter the username used for Basic authentication or Digest authentication for the no-detection Webhook.
20	No-detection password	Enter the password used for Basic authentication or Digest authentication for the no-detection Webhook.

Note: When Webhook is selected, System Event notification and attached file sending are not available. Note: During test sending, if the no-detection Webhook is ON, the no-detection Webhook is sent after the number of seconds configured in No-detection timer (sec), after the normal Webhook send succeeds.

6.7.4 Slack

Notification setting

Notification enable ☒

Alert event

☐ System Event
☒ Detect Event

Notification type

Slack

Interval timer (sec)

180

Attached file

☐

OAuth token

Channel ID

Post message

- Timestamp: <TIMESTAMP>
- Location: <CAMNAME>
- Description: <AIDETAIL>
- Image URL: <SNAPSHOTURL>
- Video URL: <VIDEOURL>

formal reserved words: <TIMESTAMP>, <CAMNAME>, <AIDETAIL>, <SNAPSHOTURL>, <VIDEOURL>

SEND A TEST NOTIFICATION

APPLY

No	Name	Description
1	OAuth Token	Enter the OAuth token for the Slack App.
2	Channel ID	Enter the Channel ID where notifications will be sent.
3	Notification Content	Configure the notification message content.The following reserved words can be used when creating notification content: <TIMESTAMP> (camera footage time) <CAMNAME> (camera name) <AIDETAIL> (detection result) <SNAPSHOTURL> (image URL at the time of notification), <VIDEOURL>(video URL at the time of notification).

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6.7.5 InfluxDB

You can record detection results in InfluxDB, an open-source database. You need to build the InfluxDB server yourself.

Notification setting

Notification enable ☒

Alert event

☐ System Event
☒ Detect Event

Notification type

InfluxDB

Interval timer (sec)

180

URL

http://localhost

①

Port

8086

②

Token

③

Organization

④

Bucket

⑤

SEND A TEST NOTIFICATION

APPLY

No	Name	Description
1	URL	Enter the URL of the InfluxDB server.
2	Port	Enter the port number of the InfluxDB server.
3	Token	Enter the Token for InfluxDB.
4	Organization	Enter the Organization registered in InfluxDB.
5	Bucket	Enter the bucket name registered in InfluxDB.

6.7.6 Log only

Only logs detection events without sending any external notifications.

No	Name	Description
1	Notification Interval	Set the interval between the first and subsequent log recordings.

Note: When "Log only" is selected, "System Event" notification and test send features are not available.

6.8 Change password Screen

In this screen, you can change the password for the Edge device camera.

Change password

Current password

①

New password

②

Confirm new password

③

APPLY

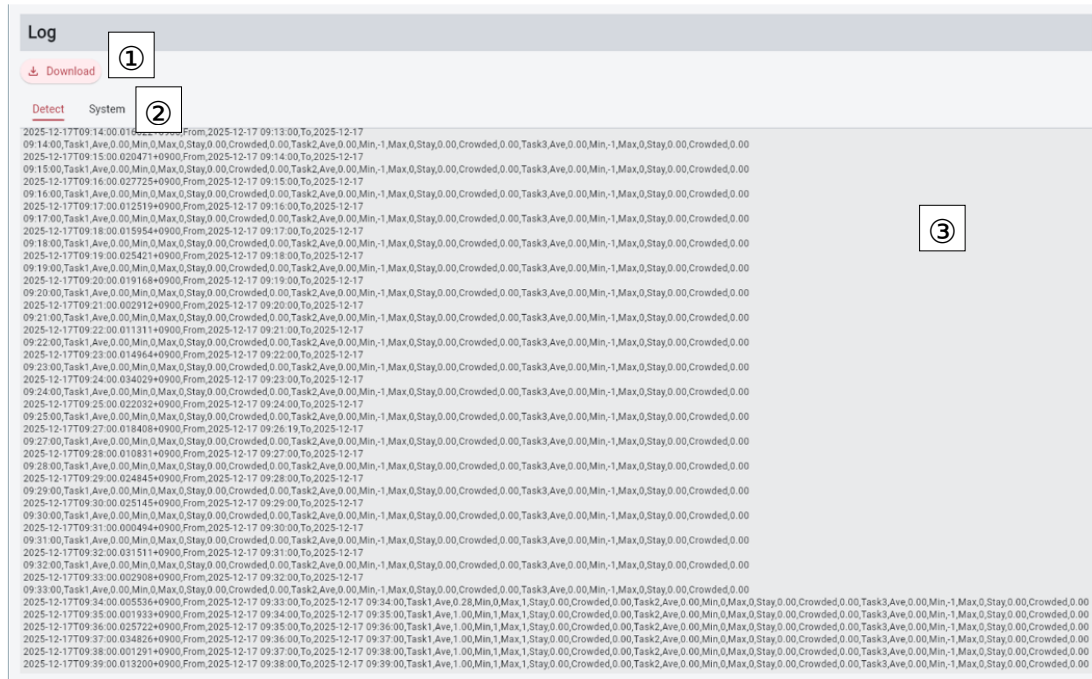
④

No	Name	Description
1	Current Password	Enter the current password.
2	New Password	Enter the new password.
3	Confirm New Password	Re-enter the new password for confirmation.

6.9 Log Screen

In this screen, you can view and export logs for system and detection results.

The exported logs include "Footage Time," "Date," and "Detection Results (Average detection count, Maximum detection count, Minimum detection count)."



No	Name	Description
1	Log Export Button	Click to export the selected logs based on the log type.
2	Log Type	Selecting "Detect" displays detection result logs, while selecting "System" displays system logs in the log list.
3	Log List	Exports the selected logs based on the log type.

6.10 System Screen

In this screen, you can restart the ASM application, reboot the device, and shut down the device.

System

Selected camera device

Change the camera device to connect to.

VIDEO

1

1

RECONNECT

Draws the detection lines

Draws the detection lines in the specified area on the preview screen.

Enable

2

Preview stream protocol

WebRTC provides real-time streaming. RTSP is more stable in some network environments.

WebRTC: ON / RTSP: OFF

3

VPN mode

Switch on for use in an OpenVPN environment. You will need to upload an ovpn file to use the VPN.

Enable

4

BROWSE

ASM Viewer download

Select an ASM Viewer version and download its installer.

SELECT VERSION

5

Online update

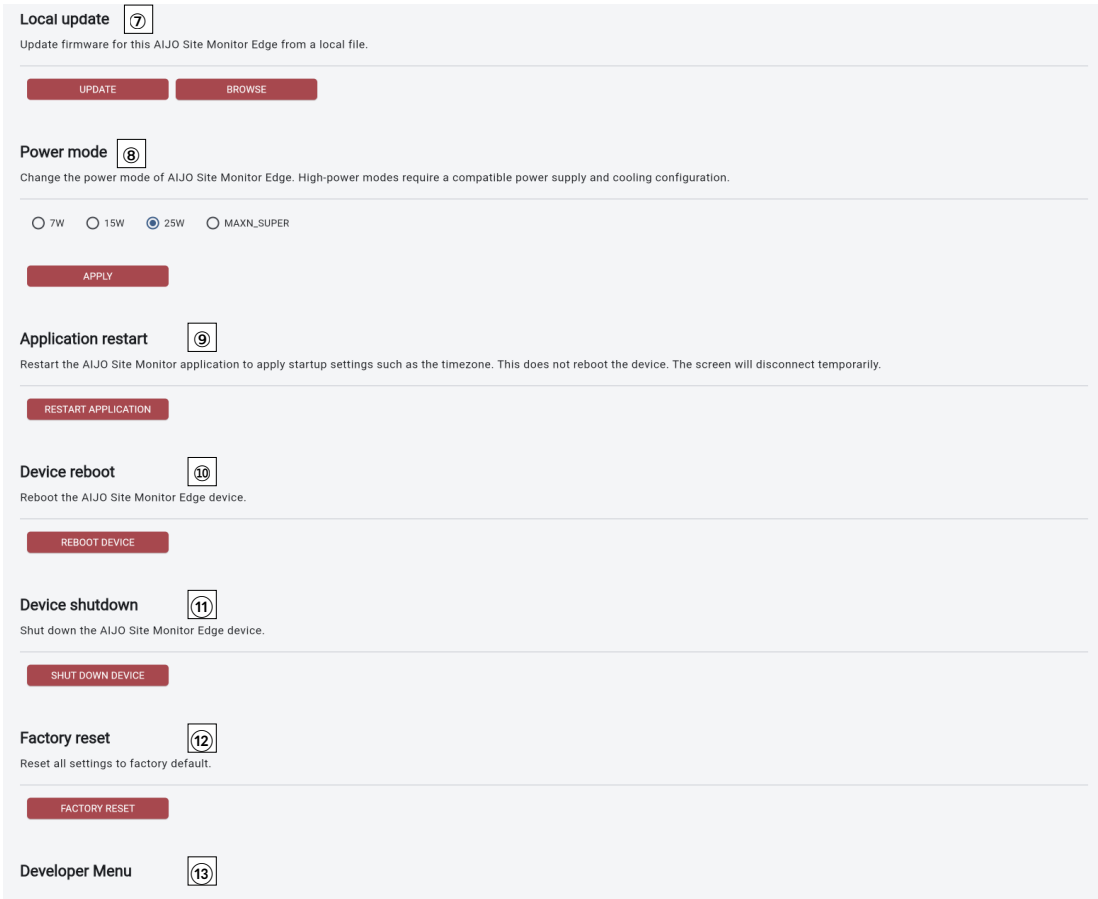
Update firmware for this AIJO Site Monitor Edge over the internet.

Firmware Version v1.8.3

6

CHECK FOR UPDATES

No	Name	Description
1	Camera connection settings	You can change camera connection settings. Select the connected camera type from USB camera or IP camera. - OFF: Turn off the camera. - USB: Enter the connection number of the camera to connect. - IP: Enter the RTSP connection URL of the network camera to connect. For RTSP URLs, refer to the camera datasheet or contact the manufacturer. Please note that this system does not support H.265 (video compression standard). Please use H.264.
2	Detection area drawing ON/OFF	When enabled, detection area boundaries are displayed on the Preview screen.
3	Video Streaming Mode Switch Button	Switches the video streaming mode between WebRTC and RTSP. If video cannot be received with WebRTC, switch to RTSP.
4	VPN configuration file selection button	Enables remote connections to the Edge device from outside the local network. This is an optional feature; please contact us for availability.
5	ASM Viewer Download Button	Click to open the ASM Viewer version-selection portal.
6	Online Update Button	Click to perform software updates for Edge device camera via the internet.



No	Name	Description
7	Local Update Button	This feature allows manual updates within the Edge device. Since it is not a standard feature, please contact us if you wish to use it.
8	Power Mode	Select the power mode that matches the Edge device. This option will be grayed out for unsupported models or devices without the required settings.
9	Application Restart Button	Restart the AIJO Site Monitor application to apply startup settings such as the timezone. This does not reboot the device. The screen will disconnect temporarily.
10	Device Reboot Button	Click to reboot the Edge device.
11	Device Shutdown Button	Click to shut down the Edge device.
12	Factory Reset Button	Clicking this button will restore the Edge device to factory settings.
13	Developer Features	Configuration item related to AI. Users other than developers should not operate this feature. Operation after changes is not guaranteed.