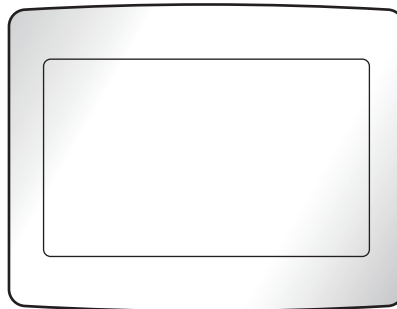


IX Series

Multi-purpose Adaptor
IXW-MA

Setting Manual (for general users)

Software version 3.00 or later







IXW-MA

Important

- Read this "Operation Manual" prior to use to ensure safe and correct operation. Keep this in a safe place for future reference.
- The illustrations used in this manual may differ from the actual ones.

Literature information

The important information concerning correct operation and what you should observe is marked with the following symbols.

 Warning	This symbol means that operating the station incorrectly, or ignoring these precautions may cause severe injury or death.
 Caution	This symbol means that operating the station incorrectly, or ignoring these precautions may cause severe injury or property damage.
 Important	This symbol is intended to alert the user to important instruction.
 Note	Indicates tips and additional information for operation.

- Terms and button names displayed on the station and PC screens are indicated as [XXXX].
- Page reference are shown as "[Title \(→ page XX\)](#)", ([→ page XX](#)), or [page XX](#).
- The illustrations and images used in this manual may differ from the actual items.
- VoIP Phones and IX system stations are referred to collectively as "Stations."

Precautions



Warning

Negligence could result in death or serious injury.



Do not disassemble or modify the station.

This may result in fire or electrical shock.



Keep the station away from liquid.

This may result in fire or electrical shock.



Keep the station away from flammable materials.

If this happens, remove the LAN cable from the station. This may result in fire or electrical shock.



If there is smoke, abnormal odor, abnormal sound, or if the station is damaged, immediately disconnect the LAN cable from the station.

This may result in fire or electrical shock.



Do not, under any circumstances, open the station.

Voltage within some internal components may cause electrical shock.



Caution

Negligence could result in injury to people or damage to property.



Do not attempt to cover, insulate, or coat the station in any way.

This may result in fire or malfunction.

Precautions on operation

Requests

- Keep the unit more than 1m (3.3') away from radio or TV set.
- Keep the station at least 20 cm (7-7/8") away from wireless devices such as wireless routers, or cordless telephones. These devices may cause the image or sound distortion.
- As to other 3rd party devices (such as sensor, detectors, door releases) used with this system, comply with the Specifications and Warranty conditions that the manufacturers or venders present.
- Be sure to receive and store the setting file from the person who configured the system. If the setting file is lost, recovery may not be possible and creating a new setting file may be required.

Notices

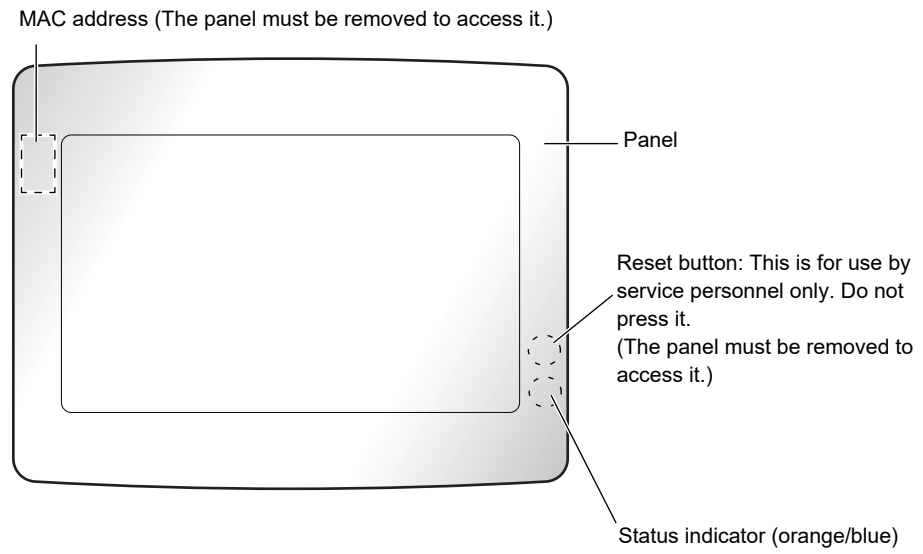
- Aiphone is not to be held responsible for any and all damages resulting from content or specifications of this product.
- Aiphone is not to be held responsible for any and all damages resulting from malfunctions, defects, or misuse of this product.
- This station cannot be used during power outages.
- If the station is used in areas where there are business-use wireless devices such as a transceiver or mobile phones, it may cause malfunction.
- This station is designed for indoor use only. Do not use at outdoor locations.
- This station is for installations on walls and vertical surfaces only.
- Station maybe unoperatable while updating the system settings.
- Aiphone assume no responsibility for damages as a result of delayed or unusable services, which were due to failures in network equipment, communication services by Internet and cellular phone companies, line interruptions, communication failures, or inaccuracies or omissions in transmission unit.
- Aiphone is not to be held responsible for any damages resulting from customer PINs or other transmitted information being leaked due to interception, unauthorized access, or other reasons along the communication path through the Internet.
- Available functions and services are limited according to the specifications of the installed system.
- The illustrations used in this manual may differ from the actual ones.
- This station is not meant to protect lives or property. Aiphone is not to be held responsible for any and all resulting serious accidents, disaster accidents, or physical damage.
- It is the customer's responsibility to ensure that their computer is secure. Aiphone is not liable for security failures.
- If there is no power for 30 minutes or more, the date and time return to default.

Table of contents

1	Precautions	
	Literature information	2
	Literature information	2
	Precautions	3
	Precautions	3
	Precautions on operation	4
2	Before Using	
	Part Names	6
	Part Names	6
	Status Indicators	7
	Status Indicators	7
3	How to use	
	Other functions	8
	Sending an email	8
4	Settings and Adjustments	
	Station programming	9
	Station Programming	9
	List of settings	14
	Station Information	15
	Network Settings	18
	Option Input / Relay Output Settings	19
	Function Settings	20
	Maintenance	23
5	Other	
	Appendix	24
	Specifications	24
	Maintenance	24
	Notice regarding the software	25
	Notice regarding the software	25
	FOR PROPER USE OF THE STATION	29
	REGULATIONS	29
	WARRANTY	30

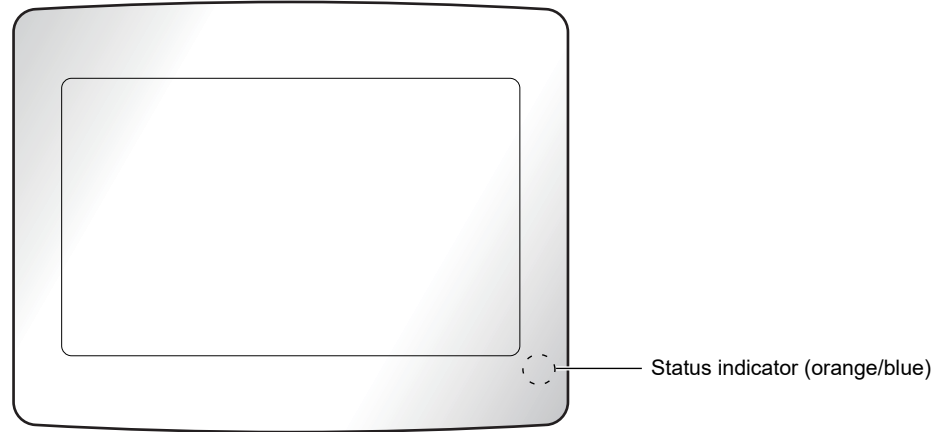
Part Names

Multi-purpose adaptor IXW-MA



Status Indicators

IXW-MA

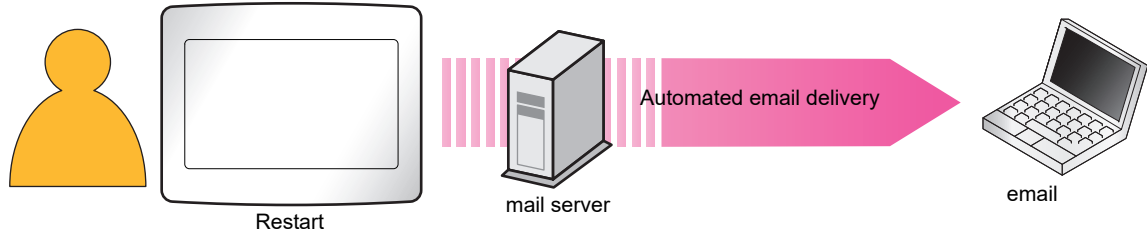


☀: On, □: Off

Name	Status (Pattern)	Description
Status indicator	☀ 0.75 sec → □ 0.75 sec	Booting
	☀ 0.25 sec → □ 0.25 sec	Device error, startup error
	☀ 0.5 sec → □ 4 sec	Communication failure
	☀ 1 sec → □ 0.25 sec → ☀ 0.25 sec → □ 0.25 sec → ☀ 0.25 sec → □ 0.25 sec	Firmware version updating
	☀ 1 sec → □ 0.25 sec → ☀ 0.25 sec → □ 0.25 sec	Initializing
Blue light	☀	Standby

Sending an email

An email can be sent to pre-registered email addresses using Email Event Trigger. For how to configure email settings, refer to [“Email \(→page 20\)”](#).



Example of sending email:

When restarting this adaptor (Station Number: 003, Station Name: Multi-purpose Adaptor 3, Location: Rest room)

Source	△△△△@△△△△△.com
Date and time	11/20/2018 7:22
Recipient CC	xxxx@xxxx.com
Subject Text	003 Multi-purpose Adapter 3 device restart
Description	Device restarted at [20181120 07:21:40]. Restarted Station Number: [003] Restarted Station Name: [Multi-purpose Adaptor 3] Restarted Station Location: [Rest room]

Note

- "UTF-8" is used to encode text. Characters may display incorrectly depending on the email client. To avoid this, set the encoding method to "UTF-8."

Station Programming

Connect to the same network as the Door Station and manage the settings from PC web browser. If the Expanded System setting has been set to "Enable" in the Admin Settings, the setting cannot be set using a PC.

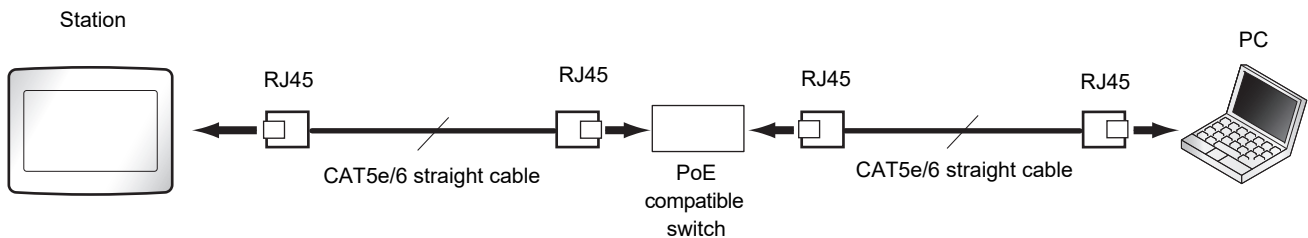
System requirements

The programming PC must meet the following requirements to proceed.

Network	Ethernet (10BASE-T, 100BASE-TX)
Web browser	Microsoft Edge / Internet Explorer 10.0 or 11.0 / Mozilla Firefox 59 or 60 (TLS1.0, 1.1, or 1.2 enabled)

Connecting to a PC

Using a Cat5e/6 "Straight-Through" cable, connect the station and PC to the same PoE switch or injector.



Login to this station

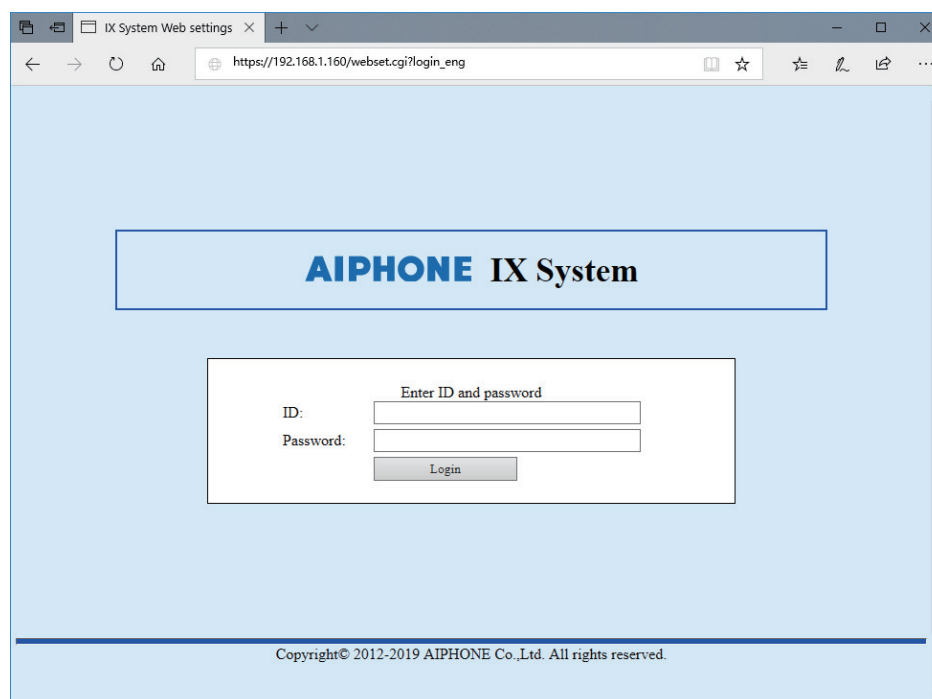
1. Start the PC and open one of the before mentioned web browsers.
2. Enter the address below into the web browser address bar.
 - IPv4 example - <https://IP address of this device/webset.cgi?login>
 - IPv6 example - [https://\[IP address of this device\]/webset.cgi?login](https://[IP address of this device]/webset.cgi?login)
 - If a certificate error window is displayed, click **[Go on to the webpage]**. To prevent it from appearing, the administrator will need to disable it. Contact your system administrator.
 - Language selection window will be displayed.

3. Select a language

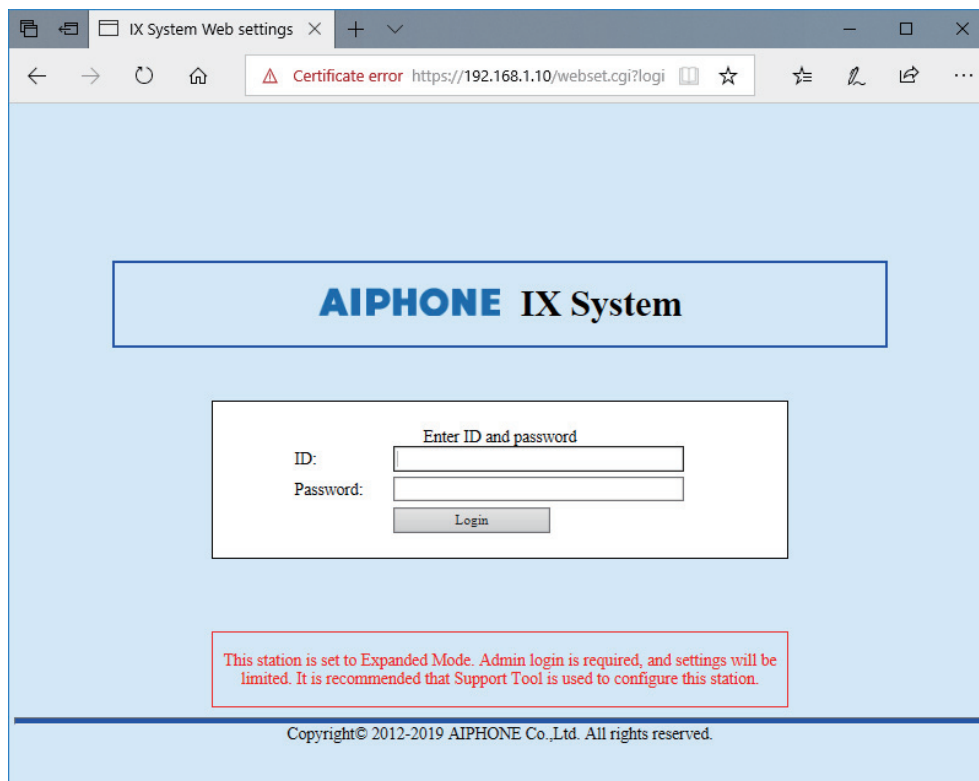


4. Enter the ID and password, and click [Login]

- Default values
 - ID: user
 - Password: user



- If the Expanded System setting is set to “Enable,” the following is displayed on the Login screen.



- This indicates the setting window.

Note

- Do not login multiple times using multiple browsers at one time on the same PC.
- The default IP address and Subnet mask values are:
 - IP Address: 192.168.1.160
 - Subnet Mask: 255.255.255.0
- Contact the system administrator if the IP address or subnet mask for the device is not known.

Setting window

When accessing the web server of the station, the following setting window will appear. The station can be configured in this window.

- Depending on PC and OS being used, the window may be slightly different.
- After configuring the station, confirm its operation by referring to the "Operation Manual (this document)."

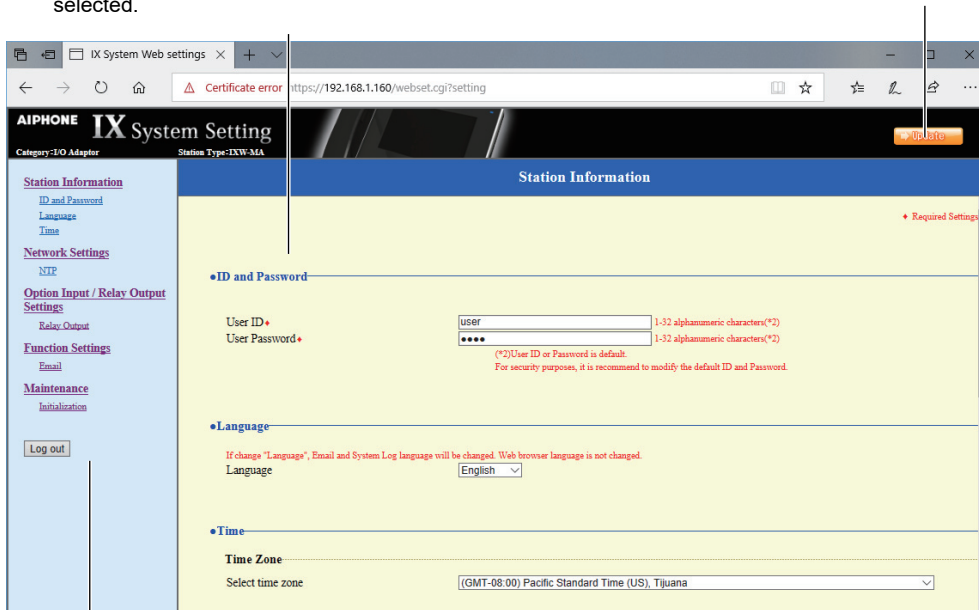
<Setting window example>

Setting window:

This indicates the setting window of the title selected.

Update button

Click this button to update the station settings.



Setting menu:

Shows all items that can be configured. Click the title to be configured and the appropriate setting window will display.

How to configure

1. Click the title to configure in the setting menu
 - The setting window for that particular title will be shown.
2. Configure each setting item
3. When you are done making changes, click **[Update]** to update the settings
 - When the settings are updated, **[Settings updated.]** will be shown at the top left corner in the window.
If an update fails, an error message will be shown.
 - To cancel any changes, click another title in the setting menu.
 - Do not remove power to the station while updating.
4. Repeat the steps 1 to 3 for other settings
 - To log out of the station, click **[Log out]** in the settings menu.



Note

- To exit the station's web setting, click **[Log out]** and do not close the browser window by clicking **[X]**. If **[Log out]** is not used, it will be unable to login for approximately 1 hour.
- If the setting window switch to another without clicking **[Update]**, the settings will not be saved.
- When no activity is detected for one hour, the connection will be automatically terminated.

List of settings

Entry	Reference page
Station Information	
ID and Password	
User ID	page 15
User Password	page 15
Language	
Language	page 15
Time	
Time Zone	
Select time zone	page 16
Daylight Savings Time	
Enable automatic daylight savings time	page 16
Date and Time	
Set date and time	page 17
Network Settings	
NTP	
Enable NTP	page 18
Option Input / Relay Output Settings	
Relay Output	
Option Relay Control Authentication Key	page 19
Function Settings	
Email	
Email Addresses	
Destination 1 - Destination 3	page 20
Email Event Trigger	
Error	page 20
Station Restarted	page 20
Subject	page 20
Periodic Log Transmission	
Periodic Log Transmission	page 21
Periodic Log Transmit Time	page 21
Periodic Log Transmit Interval	page 21
Periodic Log Transmission Subject	page 21
Send Test Email	page 22
Maintenance	
Initialization	page 23

Station Information

ID and Password


•ID and Password

User ID* 1-32 alphanumeric characters(*2)
 User Password* 1-32 alphanumeric characters(*2)

(*2)User ID or Password is default.
 For security purposes, it is recommend to modify the default ID and Password.

Entry	Description	Settings	Default values
User ID* ¹	Set the ID for logging in to the Web System Setting Server.	1 - 32 alphanumeric characters	user
User Password* ¹	Set the password for logging in to the Web System Setting Server.	1 - 32 alphanumeric characters	user

*1 Indicates a required field. Use the default values, unless a change is necessary.

 **Note**

- "The Administrator ID(administrator setting)" and "User ID" cannot have the same setting.
- The "User Password" is displayed as "●●●●" on the screen.


Language

•Language

If change "Language", Email and System Log language will be changed. Web browser language is not changed.

Language

Entry	Description	Settings	Default values
Language	Select the language for email and system log language. <ul style="list-style-type: none"> • Language used for various settings (including the station name) • Language used for email and system log 	<ul style="list-style-type: none"> • Japanese • English • French • Spanish • Dutch • Traditional Chinese • Simplified Chinese 	English

 **Note**

- When logging in to web configuration with the station in its default state at the first time, the language will be set to the same language that was selected when logging in.

Time

Time

Time Zone
Select time zone: [(GMT-08:00) Pacific Standard Time (US), Tijuana]

Daylight Savings Time
Enable automatic daylight savings time: Yes No

Date and Time
Update button does not set station time. Please press "Apply" button.
Set date and time: [2017] Year [12] Month [31] Day [16] Hour [31] Minute [16] Second

! Important

- If the power is turned off for at least 30 minutes, the time and date will revert back to the default setting. If this happens, set the time and date again.

■ Time Zone

Entry	Description	Settings	Default values
Select time zone	Set the Time Zone.	Select from 99 regions	(GMT-08:00) Pacific Standard Time (US), Tijuana

💡 Note

- When logging in to web configuration with the station in its default state at the first time, this will be set as follows depending on the language selected when logging in.
 - Japanese: (GMT+09:00) Osaka, Sapporo, Tokyo
 - English: (GMT-08:00) Pacific Standard Time (US), Tijuana
 - French: (GMT+01:00) Brussels, Madrid, Copenhagen, Paris
 - Spanish: (GMT+01:00) Brussels, Madrid, Copenhagen, Paris
 - Dutch: (GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm
 - Traditional Chinese: (GMT+08:00) Taipei
 - Simplified Chinese: (GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi

■ Daylight Savings Time

Entry	Description	Settings	Default values
Enable automatic daylight savings time	The daylight saving time is set automatically according by region selected in "Select time zone".	<ul style="list-style-type: none"> • Yes • No 	No

■ Date and Time

Clicking **[Update]** will not update the date and time settings on this station.

Press **[Apply Time to Station]** to update.

Entry	Description	Settings	Default values
Set date and time	Set the current time for the station. This is a required setting.	2017/1/1/00:00:00 - 2037/12/31/23:59:59 [Sync with PC]: Synchronized with the current time setting of the PC.	The time from 2018/1/1/ 00:00:00 with the time difference set in "Select time zone" applied

Network Settings

NTP

•NTP

Enable NTP Yes No Use

■ Enable NTP

Entry	Description	Settings	Default values
Enable NTP	Enable NTP server to retrieve the time. Configuring NTP server is required separately if using an NTP server. Contact your system administrator.	<ul style="list-style-type: none"> • Yes • No Use 	No Use

Option Input / Relay Output Settings

Relay Output

•Relay Output

Option Relay Control Authentication Key: 1-20 digits

■ Option Relay Control Authentication Key

Entry	Description	Settings	Default values
Option Relay Control Authentication Key	If "Option Relay Control (administrator setting)" is set to "Enable," and "Speed Dials / Favorites" - "TLS" is set to "Enable" on the requesting station, configure the key used to decrypt encrypted communication. If this matches the "Option Relay Control Key" of the station that performs the operation, the output terminal may be controlled.	1 - 20 digits	-

 **Note**

- Only one Option Relay Control Authentication Key can be set for each station. It will be shared by multiple output stations.
- "Option Relay Control Authentication Key" is shown on the screen as "●●●●●."

Function Settings

Email

Configure the email function (function that sends information on station operation to the set email address).

! Important

- If an SMTP server is not configured, email will not be sent even if email is configured. If email is not sent, contact the system administrator.

• Email

Email Addresses

Destination 1	<input type="text"/>	1-64 alphanumeric characters
Destination 2	<input type="text"/>	1-64 alphanumeric characters
Destination 3	<input type="text"/>	1-64 alphanumeric characters

■ Email Addresses

Entry	Description	Settings	Default values
Destination 1 - Destination 3	Set the destination email address. Define up to three addresses.	1 - 64 alphanumeric characters	-

■ Email Event Trigger

Set up which event triggers will send an email message for each address.

Email Event Trigger

Event	Destination Address		
	(1)	(2)	(3)
Error	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Station Restarted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[UTF-8] used for "Subject" encoding, the subject may be incorrectly decoded depending on mail server.

Event	Subject
Error	<input type="text"/>
Station Restarted	<input type="text"/>

Entry	Description	Settings	Default values
Error	Send email when a communication error has occurred.	<ul style="list-style-type: none"> • Checked: Send • Unchecked: Do not send 	Unchecked: Do not send
Station Restarted	Send email when the station has reset.	<ul style="list-style-type: none"> • Checked: Send • Unchecked: Do not send 	Unchecked: Do not send
Subject	Set the Subject of email per Event Trigger. This will be used for all recipient addresses.	1 - 64 alphanumeric characters	-

! Important

- "UTF-8" encoding is used for "Subject." Depending on the email client, the characters may appear incorrectly. To avoid this, set the encoding method to "UTF-8."

■ Periodic Log Transmission

Periodic Log Transmission

Settings	Destination Address		
	(1)	(2)	(3)
Periodic Log Transmission	Disable	Disable	Disable
Periodic Log Transmit Time	00 ▾ Hour 00 ▾ Minute	00 ▾ Hour 00 ▾ Minute	00 ▾ Hour 00 ▾ Minute
Periodic Log Transmit Interval	1 day	1 day	1 day
Periodic Log Transmission Subject			

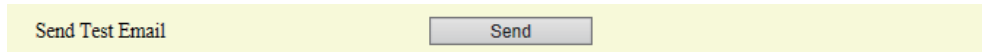
Entry	Description	Settings	Default values
Periodic Log Transmission	Select Enable / Disable for send station log periodically.	<ul style="list-style-type: none"> • Enable • Disable 	Disable
Periodic Log Transmit Time	Set the time to send the periodic log.	00:00 - 23:59	00:00
Periodic Log Transmit Interval	Select the interval to send the periodic log.	Every 1-7 days	1 day
Periodic Log Transmission Subject	Set the email subject for Periodic Log Transmission. This is used for all destination addresses.	1 - 64 alphanumeric characters	-

Important

- "UTF-8" encoding is used for "Periodic Log Transmission Subject." Depending on the email client, the characters may appear incorrectly. To avoid this, set the encoding method to "UTF-8."

■ Send Test Email

Send a test email to the address specified in ["Email Addresses \(→page 20\)"](#).



How to send a test email

1. Click **[Send]**.
2. The following message will be sent to the configured address.

Example of sending an email message:

When sending a test email from this adaptor (Station Number: 002, Station Name: Multi-purpose Adaptor 2).

Source	△△△△@△△△△.com
Date and time	11/20/2018 15:22
To CC	xxxx@xxxx.com
Subject	002 Multi-purpose Adaptor 2 Test Email
Description	Test Email sent at "20181120 15:22:46." Station Number: [002] Station Name: [Multi-purpose Adaptor 2]

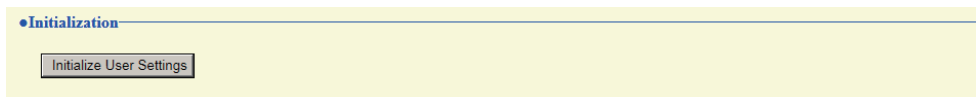
Important

- "UTF-8" encoding is used for "Subject." Depending on the email client, the characters may appear incorrectly. To avoid this, set the encoding method to "UTF-8."

Maintenance

Initialization

Initialization puts all the settings in "[List of settings \(→page 14\)](#)" back to the default.



How to initialize the station

1. Click **[Initialize User Settings]**.
2. Click **[OK]**.
 - Click **[Cancel]** to cancel the initialization process.

Important

- If the initialization process fails, a message **[Error: Station initialization failed.]** will be displayed. Re-initialize if this happens.

Specifications

Power	PoE (IEEE802.3af Class 0 standard)
Current Consumption	Standby: 43 mA; Maximum: 135 mA
LAN	Ethernet (10BASE-T, 100BASE-TX), Auto MDI/MDI-X-compatible
Protocol	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, SFTP, DHCP, NTP, DNS
Encryption system	TLS1.0, TLS1.1, TLS1.2
Operating temperature	-10 - +50°C (+14 - +122°F)
Mounting	Wall-mounting
Materials	Fire-retardant resin
Color	White
Dimensions	245 mm (9-5/8") (W) x 190 mm (7-1/2") (H) x 21 mm (13/16") (D) (excluding the embedding area)
Weight	630 g (approx.) (1.39 lbs)

Maintenance

- Clean the station gently with a soft, dry cloth. For difficult stains, dip a soft cloth in neutral detergent diluted with water, wring it out well, and then clean unit.

Important

- Do not use chemicals such as benzene or paint thinner. You may damage the surface of the station, or cause discoloration.

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REGULATIONS

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.


NOTE: 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.

INDUSTRY CANADA
CAN ICES-3 (B)/NMB-3(B)

WEEE

The object area of  is the EU.

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