

IX|IXG Series Programming

IXG Support Tool version 6.0.3.0



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This abbreviated programming manual is focused on configuring a basic IX|IXG Series system using the IXG Support Tool. A complete set of instructions (IXG Support Tool Setting Manual) can be found at www.aiphone.com/ixg-support-tool-manual.

Overview

Using This Document

This guide shows how to configure a single tenant IX|IXG Series system using the IXG Support Tool. If the site contains an IXG-MD7-HID(A) entrance station, use the Multi-Tenant Quick Start Guide instead.



It can be found here: <https://www.aiphone.com/IXG-Series-QuickStartGuide>

Best Practices

Downloading Software and Updates

It is recommended to install the latest version of IXG Support Tool and download the newest station firmware updates before going on site.

IXG Support Tool: <https://www.aiphone.com/IXG-SupportTool>

Firmware updates: <https://www.aiphone.com/kbtopic/firmware-ix-ixg>

Network Settings

IX|IXG Series stations are network devices that will reside on the client's network. The network security guide details which ports and protocols the stations use. This should be submitted to the site's network administrator prior to deployment.

Network Security Guide: <https://www.aiphone.com/ix-ixg-network-security-summary>



Each station requires an IP address and subnet mask, and any IXGW-(T)GW gateway adaptors require a default gateway. This can either be assigned statically or by DHCP reservation. Be sure to contact the site's network administrator to receive a list of IP addresses to assign the stations, or an allowed range of addresses.

Configuring Stations Before Deployment

IX|IXG Series stations can be configured before being deployed to the site. It is recommended to connect the stations and programming PC to a single unmanaged PoE switch. The stations will retain their programming for weeks without power, allowing the system to be configured off-site before installation.



Set the IP address of the programming PC to the same range that the stations will use.

Navigation

Update

Update

The **Update** button in the top left saves configured settings in IXG Support Tool, but does not upload settings to the stations. This is labeled **Save** in some editions of IXG Support Tool.



Hand Icon

Look for the Hand Icon to indicate where to click to select or save a setting.

Creating a New System

Getting Started

Open IXG Support Tool. Stay in Administrator view. Enter the credentials; if this is the first time that IXG Support Tool has been launched, enter **admin** as the ID and password. Click **Login**.

If **admin** was entered, a prompt will appear to change the password. Enter a new password on both lines and click **OK**.

If this is the first time launching Support Tool, the Create a New System screen will automatically appear. Otherwise, navigate to **File(F)**, Create New System on the top menu.

Fill in all information marked with a red diamond. Most of these settings can be changed later under **Site Settings**, Site Information on the side menu, **except** for Country/Region. Click **Finish** to continue.

i All IDs and passwords should be recorded and saved.

i If the wrong country or region is selected, a new configuration file will need to be created and all settings will be lost.

i Multi-Building settings are only recommended for large sites where the stations and units in each building do not need to call one another.

Finish

Unit Types

Stations in an IX|IXG Series system are divided into units, which are groups of stations that serve a particular purpose. Examples of units would be an apartment, an office, or a collection of door stations on the exterior of a building. The models and quantities of stations that a unit can house will depend on the type of unit. Up to 9,999 units can be created in a single configuration.

i The IXGW-TGW and IXW-MAA are not included in units. They will be added in a later step.

Commercial Unit

Function: Represents an office or business.

- Eight total IX-MV7-*, IX-SOFT, or IX-RS-* answering stations
- One registered VoIP extension or number¹
- Eight IXG mobile apps
- Two door stations
- One registered phone number²



Guard Unit

Function: Represents a security desk or room.

- Eight total IXG-MK or IX-RS-* answering stations
- One registered VoIP extension or number¹
- Eight IXG mobile apps
- Two door stations
- One registered phone number²



Outside Area Unit

Function: Represents a group of door or emergency stations in the same area.

- Ten door stations

Residential Unit

Function: Represents an apartment or other residence.

- Eight total IXG-2C7 or IX-RS-* Answering Stations
- Eight IXG mobile apps
- Two door stations
- One registered phone number²



Entrance Station Unit

Function: Represents entrances for a multi-tenant building.

- Ten IXG-DM7-HID(A) entrance stations

Inside Area Unit

Function: Can contain any model of answering station, but no apps.

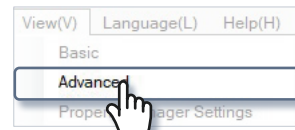
- Eight total IX-MV7-*, IXG-MK, IX-SOFT, or IX-RS-* answering stations
- Two door stations



- i** 1. Uses one answering station slot. Requires that stations are registered to a compatible SIP based phone system. See the integration page on Aiphone.com for more information on specific SIP providers.
2. Requires an IXGW-TGW mobile app gateway with an active SIM plan. The phone number cannot be called at the same time as mobile apps in the same unit.

Advanced View

Select **View(V)**, *Advanced* from the top menu.



Adding Units

Display Settings

☒ First Name / Last Name Number of Master Stations:

Number of Door / Entrance Stations:

To begin adding units, navigate to **Site Settings**, **Units / Stations** on the side menu.

Set the capacity of the units under **Display Settings**. By default, each unit is set to have one Answering Station (labeled master station) and one Entrance/Door Station. Use the drop-down menus to select the number of stations and click **Apply**.

i The Display Settings are applied to all units. Select quantities that reflect the largest unit.

				Site Settings
				Units / Stations
Building Nu	Unit Number	Unit Type		Unit Name
01	1000	Entrance	Select	Main Entrance

Select the Building Number the unit will belong to, set a Unit Number, and click **Select** to choose a Unit Type.

i When adding multiple of the same Unit Type, select a completed Unit Number field and press the Enter key. This will auto-populate the next field.

			Site Settings		
			Units / Stations		
Unit Number	Unit Type		Unit Name	First Name	Last Name
1000	Entrance	Select	Main Entrance		
1001	Residential	Select	Apartment 101	Jane	Doe
1002	Guard	Select	Security		
1003	Commercial	Select	Main Office		
1004	Outside Area	Select	Interior Doors		

Once all units have been added, enter a Unit Name for each. A First Name and Last Name can be optionally added to Residential units.

				Site Settings	Required settings				
				Units / Stations					
Building Nu	Unit Number	Unit Type		Phone Registrati	Master / Tenant S	Door / Entrance S	Door / Entrance S	Door / Entrance S	Number of available Mobile Apps
01	1000	Entrance	Select			Select		Select	
01	1001	Residential	Select	Disable	(XG-2C7L(-))	Select		Select	0
01	1002	Guard	Select	Disable	(XG-MK)	Select		Select	0
01	1003	Commercial	Select	Disable	(X-MV7(-))	Select	(X-EA)(X-EAU)	Select	0
01	1004	Outside Area	Select			Select	(X-DV)(X-DVF(-))	Select	

Click **Select** to set the stations for each unit, including the maximum number of mobile apps each unit will require.

i It is best practice to place door stations in an Outside Area unit instead of the same unit as answering stations.



Click **Update** at any time to save the current settings.

Adding an IXW-MAA

If the site will include an IXW-MAA IP relay adaptor, navigate to **Site Settings**, I/O Adaptor Registration on the side menu.

Check the box under Enable for each IXW-MAA to be added. A station name can optionally be set under Station Name.

Click **Update** to save settings.

Site Settings	
I/O Adaptor Registration	
I/O Adaptor Number	Station Name
1	<input checked="" type="checkbox"/> I/O Adaptor1
2	<input checked="" type="checkbox"/> I/O Adaptor2
3	<input type="checkbox"/>

Adding an IXGW-TGW

If the site will include an IXGW-TGW mobile app gateway, navigate to **Gateway Settings**, Gateway Registration on the side menu.

Check the box under Enable for each gateway to be added. A station name can optionally be set under Station Name.

Click **Update** to save settings.

Gateway Settings	
Gateway Registration	
Station Type	Station Name
IXGW-(T)GW	<input checked="" type="checkbox"/> Gateway Adaptor1

Network Settings

IP Address

Navigate to **Network Settings**, IP Address on the side menu.

IP addresses can be added in two ways. Each station can have its IP address set individually in the fields below. Also set a subnet mask. Use the tab, enter, or arrow keys to navigate between the cells.

Building Nu	Unit Number	Station Name	Network Settings											
			IP Address											
			Hostname	IP Version	Static / DHCP	IPv4 Address								
						IP Address				Subnet Mask				
1	2	3	4	1	2	3	4							
01	1001	Tenant Station1		IPv4	Static	192	168	1	10	255	255	255	0	
01	1002	Guard Station1		IPv4	Static	192	168	1	11	255	255	255		

Alternately, to set all stations at once, click **Batch IP Address Configuration** near the top of the screen. Set a starting IP address and subnet mask, and select all stations to be configured. Click **OK**.

Enter starting IP address (IPv4 or IPv6) and subnet mask.

IPv4 Address

192

168

1

25

Subnet Mask

255

255

255

0

Select	Building Nu	Unit Number	Station Name
<input checked="" type="checkbox"/>	01	1000	Entrance Station1
<input checked="" type="checkbox"/>	01	1001	Tenant Station1
<input checked="" type="checkbox"/>	01	1002	Guard Station1
<input checked="" type="checkbox"/>	01	1003	Master Station1

OK

Cancel

If the site has an IXGW-TGW, assign it a Default Gateway, a Primary DNS Server, and, optionally, a Secondary DNS Server. These can also be added for other types stations, if required.

Once everything is configured, click **Update**.

NTP

Navigate to **Network Settings**, NTP on the side menu. It is recommended to Enable and configure NTP settings for each station when possible. Doing so will require the stations have a DNS and a default gateway be configured.

For systems with the IXGW-(T)GW Gateway Adaptor, it will have NTP enabled and an Aiphone NTP server address set by default. It is recommended to change this. Click **Update**.

IPv4 Address															
IP Address				Subnet Mask				Default Gateway				Primary DNS Server			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
192	168	1	25	255	255	255	0								
192	168	1	26	255	255	255	0								
192	168	1	27	255	255	255	0								
192	168	1	28	255	255	255	0								
192	168	1	29	255	255	255	0								
192	168	1	29	255	255	255	0								
192	168	1	30	255	255	255	0	192	168	1	1	8	8	8	8
192	168	1	30	255	255	255	0	192	168	1	1	8	8	8	8

Unit Number	Station Name	NTP	NTP		
			Synchronization I	Primary Server	
				Address	
			IPv4	IPv6	
1000	Entrance Station1	Disable	24		
1001	Tenant Station1	Disable	24		
1002	Guard Station1	Disable	24		
1003	Master Station1	Disable	24		
1004	Video Door Station1	Disable	24		
Gateway Adaptor1		Enable	24	ntp.jo.aiphone-ap; ntp.jo.aiphone-app.net	

Custom Station Numbers & Names

To assign names to individual stations and apps, navigate to **Station Information**, Identification on the side menu. Enter the desired station number and names for the stations. Click **Update**.

Unit Number	Station Type	Identification	
		Station Nu	Station Name
1000	IXG-DM7(-*)	10000	Front Entrance

Association Settings

Station Settings List and Station List

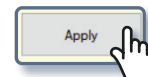
To assign these network settings to the stations, navigate to **Connection(S)**, Association Settings on the top menu. A station search will begin immediately; click **Cancel** after a few seconds to end it.

The Station Settings List represents the settings configured in IXG Support Tool, while the Station List shows the result of the station search. Select a station from the Station Settings List and a matching station from the Station List. Click **Apply**.

This will assign the Station Name and IP Address to the station. The station will reboot, which will take several minutes.

1. Select the setting file to be linked with the chosen station.								
Station Settings List								
Select	Building Nu	Unit Number	Station Name	Station Type	Hostname	IP Address	Subnet Mask	Associated
<input checked="" type="radio"/>	01	1000	Entrance Station1	IXG-DM7(-*)		192.168.1.9	255.255.255.0	-

Station List								
Select	Building Nu	Unit Number	Station Name	Station Type	IP Address	Subnet Mask	MAC Address	Associated
<input type="radio"/>			Master Station1	IX-MV7-*	192.168.1.12	255.255.255.0	00:0B:AA:2F:45:6C	-
<input type="radio"/>			Guard Station1	IXG-MK	192.168.1.11	255.255.255.0	00:0B:AA:42:00:47	-
<input type="radio"/>			Gateway Adaptor1	IXGW-(T)GW	192.168.1.30	255.255.255.0	00:0B:AA:4C:02:8E	-
<input type="radio"/>			Video Door Station1	IX-EA,IX-EAU	192.168.1.13	255.255.255.0	00:0B:AA:2A:0A:97	-
<input type="radio"/>			Video Door Station2	IX-DV,IX-DVF(-*)	192.168.1.15	255.255.255.0	00:0B:AA:27:0B:E7	-
<input type="radio"/>			Tenant Station1	IXG-2C7(-*)	192.168.1.10	255.255.255.0	00:0B:AA:3E:07:CB	-
<input type="radio"/>			I/O Adaptor1	IXW-MA	192.168.1.16	255.255.255.0	00:0B:AA:2E:03:58	-
<input checked="" type="radio"/>			Entrance Station1	IXG-DM7(-*)	192.168.1.9	255.255.255.0	00:0B:AA:41:04:6F	-



If the Station Search fails to find any stations, go to **File**, **IXG Support Tool Settings** on the top menu. Find the **Select NIC** drop-down and choose the correct network connection, then click **OK**. Return to **Association Settings** and click **Station Search** to try again.

Select NIC

Ethernet

Station(s) that have been associated with a setting file are listed below.

Associated Stations List								
Select	Building Nu	Unit Number	Station Name	Station Type	IP Address	Subnet Mask	MAC Address	Status
<input type="checkbox"/>	01	1002	Guard Station1	IXG-MK	192.168.1.11	255.255.255.0	00:0B:AA:42:00:47	Success
<input type="checkbox"/>	01	1003	Master Station1	IX-MV7-*	192.168.1.12	255.255.255.0	00:0B:AA:2F:45:6C	Success
<input type="checkbox"/>	01	1003	Video Door Station1	IX-EA,IX-EAU	192.168.1.13	255.255.255.0	00:0B:AA:2A:0A:97	Success
<input type="checkbox"/>			Gateway Adaptor1	IXGW-(T)GW	192.168.1.30	255.255.255.0	00:0B:AA:4C:02:8E	Success
<input type="checkbox"/>	01	1004	Video Door Station1	IX-DVM	192.168.1.14	255.255.255.0	00:0B:AA:57:00:40	Success
<input type="checkbox"/>	01	1004	Video Door Station2	IX-DV,IX-DVF(-*)	192.168.1.15	255.255.255.0	00:0B:AA:27:0B:E7	Success
<input type="checkbox"/>			I/O Adaptor1	IXW-MA	192.168.1.16	255.255.255.0	00:0B:AA:2E:03:58	Success

Remove Association

Retry Association

Associated Station List

Scroll down to confirm the stations were successfully associated. The IP and MAC addresses of the stations will be listed.

If the wrong station information was associated to a station, select that station on this list and click **Remove Association**. Once removed, scroll up and associate the correct station.

Station Address Books

To set which stations can interact and communicate with each other, navigate to **System Information**, **Station List** on the side menu. This will display a table where answering stations and mobile apps are listed on the left in rows, and all stations are listed in columns. Scroll right to view more stations.

Station Name	01 / 1000 / 10050				01 / 1001 / 10010			
	Entrance Station1 / IXG-DM7(-*)				Tenant Station1 / IXG-2C7(-*)			
	Select	Network Camera	or Release Bu		Select	Network Camera	or	
Entrance Station1					✓			
Tenant Station1	✓							
Guard Station1	✓				✓			
Master Station1	✓							

If there is a check mark where a station or a mobile app intersects with another in the table, that station is included in the answering station's address book. Click the cell and use the drop-down menu to add or remove the check mark.

Click **Update** to save settings.

Call Settings

To configure which stations a door station calls, navigate to **Call Settings**, **Called Stations (Door/Sub Stations)** on the side menu. The door stations will be displayed to the left, and stations they are able to call will be displayed as columns.

If the cell is empty where two stations intersect, the door station will not call the other station. Click the cell and use the drop-down menu to set the cell to **U**.

Called Stations (Door/Sub Stations)

Group 01

Select Unit

Building Number / Unit Number / Station Number / Station Name / Station Type

01 / 1000 / 10050 / Entrance Station1 / IXG-D

01 / 1001 / 10010 / Tenant Station1 / IXG-2C7

Select

U

M

To set the door station to call a unit's mobile apps, scroll to the right and click **Select** . Choose a unit's apps from the list and click **OK** .



A door station can only call apps from one unit.

Do this for each door station and click **Update** to save settings.

The 'Mobile Apps and Phone' dialog has a 'Select Unit' button. Clicking it opens a 'Select Unit' sub-dialog. This sub-dialog has a title bar 'Select Unit' and a label 'Select a Destination Unit.' Below this is a table with columns: 'Select', 'Building Number', 'Unit Number', and 'Unit Name'. The first row is selected with a checkmark. At the bottom are 'OK' and 'Cancel' buttons.

Select	Building Number	Unit Number	Unit Name
<input checked="" type="checkbox"/>	01	1001	Commercial200
<input type="checkbox"/>	01	1002	Commercial201
<input type="checkbox"/>	01	1004	Commercial203

Upload Settings

To upload settings to the stations, navigate to **Connection(S)**, Upload Settings on the top menu.

The 'Setting File Upload' dialog has a title bar 'Setting File Upload' and a label 'Select the station(s) to upload the Setting File(s):'. Below this is a 'Station List' table. At the bottom, there are buttons for 'Settings', 'Sounds', 'Images', and 'Schedules'. Hand icons with numbers 1 and 2 point to the 'Select' button and the 'Settings' button respectively.

Select	Building Nu	Unit Number	Station Name	Station Type	Status
<input checked="" type="checkbox"/>	01	1000	Entrance Station1	IXG-DM7(-*)	-
<input checked="" type="checkbox"/>	01	1001	Tenant Station1	IXG-2C7(-*)	-
<input checked="" type="checkbox"/>	01	1002	Guard Station1	IXG-MK	-
<input checked="" type="checkbox"/>	01	1003	Master Station1	IX-MV7-*	-
<input checked="" type="checkbox"/>	01	1003	Video Door Station1	IX-EA,IX-EAU	-
<input checked="" type="checkbox"/>	01	1004	Video Door Station1	IX-DVM	-
<input checked="" type="checkbox"/>	01	1004	Video Door Station2	IX-DV,IX-DVF(-*)	-
<input checked="" type="checkbox"/>			Gateway Adaptor1	IXGW-(T)GW	-
<input checked="" type="checkbox"/>			I/O Adaptor1	IXW-MA	-



If the station upload failed, make sure that the programming PC is in the same IP range as the stations were set to on pages 6-7.

If problems persist, see the instructions on page X to update the stations' firmware.

Select each station by placing a check mark next to it, or click **Select** to select all stations at once. Click **Settings** to upload station settings. If a schedule was set, also click **Schedule** . After the upload, the stations will be operational.

Exporting System Configuration

Once the Upload is complete, select **File(F)**, Export System Configuration from the top menu. Click **Export** to save as a backup. This will create a folder with the name of the configuration. **This entire folder is necessary to import the site information into IXG Support Tool.** If the configuration needs to be emailed, compress it first.

Firmware Updates

All stations should have their firmware kept up to date. To check the current firmware version of the stations, select **Connection(S)**, **Station Search** on the top menu. A station search will begin automatically. Click **Cancel** after 5 seconds. The current firmware version will be displayed to the right.

Station Search						
Search results within the local network.						
Station List						
Building Nu	Unit Number	Station Name	Station Type	IP Address	MAC Address	Firmware Version
		Entrance Station1	IXG-DM7(-*)	192.168.1.25	00:0B:AA:41:05:85	2.93

Check the latest firmware updates at <https://www.aiphone.com/kbtopic/firmware-ix-ixg>. If a station's firmware is out of date, download and extract the compressed file for that station.

Update Firmware

Download the log file before updating IXG-2C7(-*), IXG-DM7(-*), and IXGW-(T)GW with version 1.02 or older. To download the log file, go to "Connection -> Download Log File".

To check the current firmware version, go to "Connection -> Station Search".

Select Firmware files:

IXG-2C7(-*)

IXG-DM7(-*)(Main)

IXG-DM7(-*)(Sub)

IXG-MK

IXGW-(T)GW

IXGW-LC

IX-MV7-*

Browse

Browse

Browse

Browse

Browse

Browse

Browse

Navigate to **Maintenance, Firmware Update** on the side menu. For each type of station to be updated, click **Browse** to locate the firmware package on the PC.

IX-DV(IX-DVF(-*))

IX-DVM

IX-SSA(-*)

IX-EA(IX-EAU)

IX-FA

Browse

Browse

Browse

Browse

Browse

Select Station(s) to update:

Select	Building Nu	Unit Number	Station Name	Station Type	Status
<input type="checkbox"/>	01	1111	Tenant Station1	IXG-2C7(-*)	-
<input type="checkbox"/>	01	1111	Video Door Station1	IX-DV(IX-DVF(-*))	-
<input checked="" type="checkbox"/>	01	1112	Master Station1	IX-MV7-*	-
<input type="checkbox"/>	01	1112	Video Door Station1	IX-DVM	-
<input type="checkbox"/>	01	1113	Entrance Station1(Main)	IXG-DM7(-*)	-

Select Station by Type:
All Select Unselect

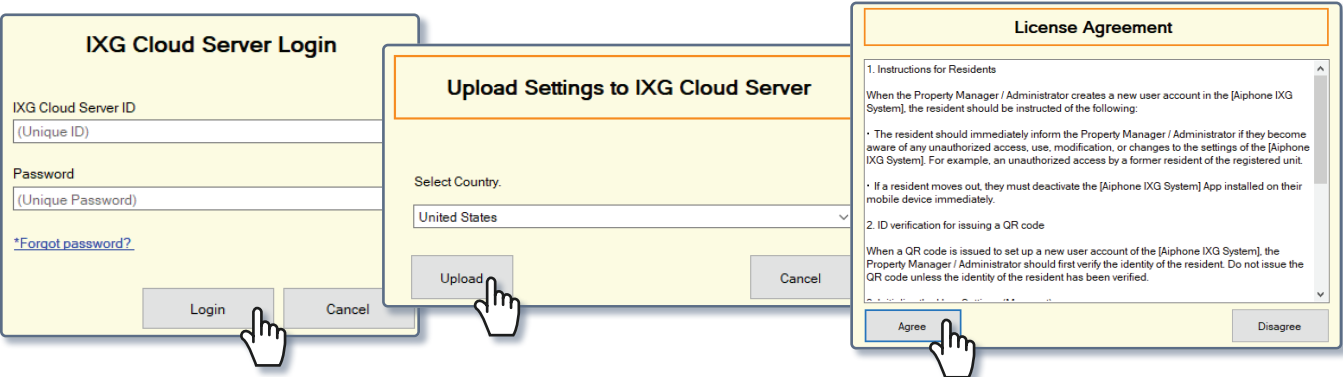
Update

Select all stations that will have their firmware updated and click **Update**. This process will take several minutes, and the stations will reboot.

i Do not interrupt a firmware update once it has begun, including unplugging the station. Doing so can damage the station. A notification window will appear when all firmware updates are complete.

Mobile App Integration

If not already done, follow the steps on page 6 to add an IXGW-(T)GW mobile app gateway to the system. To register IXG Mobile apps to the system, there must first be an IXG cloud server administrative account. If there is an existing account that will be used to manage this site, enter it in **App Integration, Upload Settings to IXG Cloud Server** on the top menu and move on to the **Assigning the Gateway to Units**.



Create a New Administrator Account

Select **App Integration(C)** from the top menu and click **Create a New Administrator ID**. Enter an ID, Password, and Email Address. Click **Create** to continue.

A verification code will be sent to the registered email. Once the code has arrived, navigate to **App Integration(C), Activate** on the top menu. Enter the **Administrator ID** and **Verification Code**. Click **Activate**. The newly created account can be managed at <https://portal.ixg.aiphone-app.net/>.

Assigning the Gateway to Units

Navigate to **Gateway Settings, Gateway Selection** on the side menu. For each unit that will have mobile apps registered, use the drop-down menu under **Gateway Number** to select the desired gateway. Most sites will only have a primary gateway, but a secondary gateway can be assigned using the same steps. Click **Update** to save settings.

Unit Name	Gateway Selection		
	Primary		Secondary
	Gateway Number	Station Name	Gateway Number
Outside Area 100			
Commercial200	1	Gateway Adaptor	

Uploading Settings to IXG Cloud Server

Navigate to **App Integration, Upload Settings to IXG Cloud Server** on the top menu. Log in with the IXG cloud server account, select the country that the site is registered to, and agree to the licensing agreement.

Export App Registration QR Code

Each mobile device will be registered to a single unit. Navigate to **App Integration(C)**, **Export QR Code for App Registration** on the top menu. Place a check mark next to the desired units and click **Export QR Code for App Registration**. This will create a separate PDF with a set of QR codes for each unit. Each code can be used once; after that, it is disabled.

Downloading the IXG Mobile App

The IXG Mobile app is available for Apple iOS® and Android® devices compatible with the Google Play™ store. It is free to download from either store.

Apple App Store™

Google Play Store

www.aiphone.com/ixg-mobile-ios

www.aiphone.com/ixg-mobile-android

Once installed, there will be a prompt to accept a licensing agreement. Then, the phone's camera will open to scan an activation QR code. Follow the prompts from there.

Syncing the IXGW-(T)GW with the IXG Cloud Server

Once the upload to the cloud server is complete, the status LED on the IXGW-(T)GW will blink orange. It will change to a solid green once it has synced with the IXG cloud server. Registered apps will be functional at this point.

Configuring Door Stations to Call Mobile Apps

If this is not already done, see the call setting steps on pages 8–9 to configure door stations to call a unit's apps. Once finished, upload the settings to all stations.

IXW-MAA Programming

IX|IXG Series door stations have built in door release relays. When these trigger, they can send SIF signals to the IXW-MAA multi-purpose adaptor, allowing the relays on the adaptor to be used for door release instead. If not already done, follow the steps on page 6 to add the IXW-MAA to the system.

SIF Settings

Navigate to **Function Settings**, **SIF** on the side menu. For each door or entrance station that will signal the IXW-MAA, set **SIF Functionality** to **Enable**. Under the **SIF Settings** column, set the **Program Type** to 0100, enter the IP address of the IXW-MAA under **IPv4**, set the **Destination Port** to 65014, **SSL** to **Enable**, and **Connection** to **Socket**.

Scroll right to the **Transmission Trigger** section. For each door station signaling the IXW-MAA, check off **Change Contact**. Click **Update**.

	SIF Functionality	SIP URI Format	SIF Settings	
			Program Type	IPv4
Video Door Station1	Enable	Disable	0100	192.168.1.31

Destination Port	SSL	Connection
65014	Enable	Socket

Transmission Trigger				
Begin Out	Begin Cor	Door Rele	End Com	Change contact
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Relay Settings

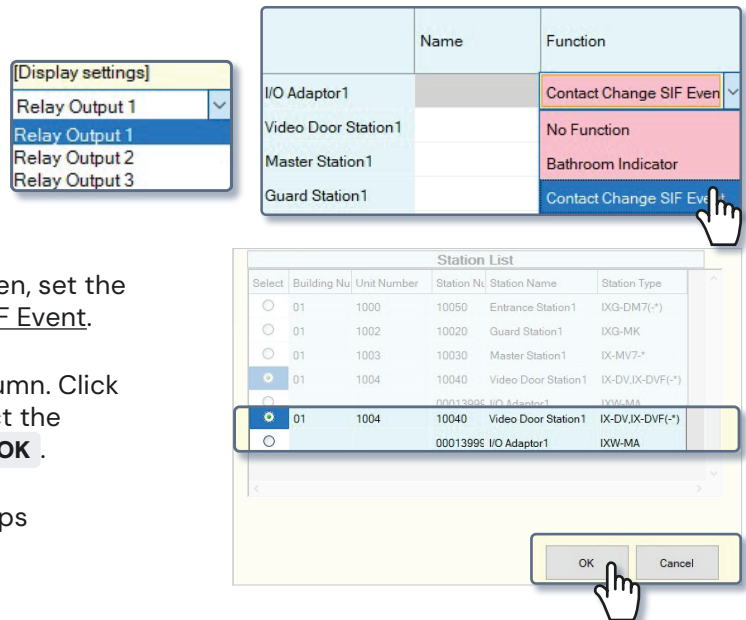
Navigate to **Option Input /Relay Output Settings**, **Relay Output** on the side menu. Door stations can be assigned to all ten outputs on the IXW-MAA. Relay Output 1 will be displayed by default. The **Display settings** menu at the top of the page can be used to switch to other relay outputs. Once a relay output is chosen, set the **Function** on the IXW-MAA to **Contact Change SIF Event**.

Scroll right to the **Contact Change SIF Event** column. Click **Select Station** to display a list of stations. Select the door station that will trigger the relay and click **OK**.

Click **Update** to save settings. Repeat these steps for each IXW-MAA output to be programmed.

Upload Settings to Stations

Upload settings to all stations, following the steps on page 9.



Call Transfer Settings

Call transfers allow answering stations to transfer and retransfer calls to other stations, units, or groups of apps. The three types of transfers covered are Delay Transfers, Absent Transfers, and Schedule Transfers.

Terminology and Rules

A **Transfer** occurs when an answering station receives a direct call and hands it off to another group of stations. A **Retransfer** occurs when a station receives a transferred call and hands it off to another station. A station receiving a retransfer can retransfer the call to another station, and so on until the call times out.

Stations can transfer and retransfer to any answering station or group of apps in their address book. See page 8 for instructions on adding stations to address books.

Transfers from IX-MV7-* and IX-SOFT answering stations will be sent to individual stations.

Transfers from IXG-MK answering stations will go to all stations in selected unit.

IXG Mobile apps and the IXG-2C7 and IX-RS answering stations are not able to make transfers. Any answering station can receive a transfer or retransfer.

Once a call is transferred to a unit's IXG Mobile apps, it cannot be transferred or retransferred to another group of apps.

Call Settings

For all transfer types, the door stations need to not call the transfer destination. Use the call setting steps on pages 8 and 9 to remove the U from the cells where the calling and transfer destinations intersect.

Delay Transfers

Delay Transfers are always active. When a call is received, it will be handed off to transfer and retransfer destinations after a set period of time.

Navigate to **Transfer Settings**, Delay Transfer on the side menu. On the station receiving the call, set Delay Transfer to Enable. Adjust the delay under Delay Time, which is how long the call will dwell during a transfer or retransfer before being handed off.. Click **Select Station** or **Select** depending on the type of answering station.

Unit Number	Station Name	Delay Transfer	Delay Transfer		
			Delay Time [sec]	Transfer Destination List	
				Select Unit	Select Station
1001	Master Station1	Enable	30	Select	Select Station
1002	Guard Station1	Enable	30	Select	Select Station

S

Select Stations

Select Station. (1/10)

Select	Building Nu	Unit Number	Station No	Station Name	Station Type
<input type="checkbox"/>	01	1000	10060	Entrance Station1	IXG-DM7(-*)
<input checked="" type="checkbox"/>	01	1002	10020	Guard Station1	IXG-MK

OKCancel

Select the transfer destination and click **OK** . The unit or stations selected will be listed to the right.

Transfer Destination List			
Select Unit	Select Station	Station Number	
		No.01	No.02
Select	Select Station	10020	
Select	Select Station	2000	

Scroll right and click **Select** to choose a unit's apps to be included in the transfer. Click **OK** .

Mobile Apps and Phone			
Building Nu	Unit Number	Unit Name	Select Unit
01	1001	Commercial200	Select
			Select

Select Unit

Select a Destination Unit.

Select	Building Number	Unit Number	Unit Name
<input checked="" type="checkbox"/>	01	1001	Commercial200
<input type="checkbox"/>	01	1002	Commercial201
<input type="checkbox"/>	01	1004	Commercial203

OKCancel

To configure a retransfer, scroll right. On the answering station that has received a transfer, select an answering station or a unit's mobile apps using the same procedure.

Re-Transfer Destination				
Select Station	Station Number	Mobile Apps and Phone		
		Building Number	Unit Number	Unit Name
Select Station				Select Unit
Select Station				Select

Repeat these steps for each transfer and retransfer to be configured. Click **Update** to save settings. Upload settings to stations using the steps on page 9.

Absent Transfers

Absent Transfers are toggled on and off, allowing a user to route calls to another answering station when they are not available. To configure an absent transfer, navigate to **Transfer Settings**, Absent Transfer on the side menu.

These are configured in the same way as delay transfers. The only exceptions are that a delay time is not needed, since absent transfers are instantaneous when active.

i Absent transfer is enabled every time settings are uploaded to the station. Disable it by pressing the button after each upload.

Absent transfers are enabled or disabled by pressing **Transfer** on the answering station's home screen.



Schedule Transfers

Schedule Transfers are active during particular times. If a schedule transfer is active, calls to the answering station will be immediately transferred or retransferred. To create a Schedule Transfer, navigate to **Transfer Settings**, Schedule Transfer on the side menu.

Schedule transfers are configured in the same way as delay transfers, except for the need to set schedules.

Schedules can either be set as a recurring weekly schedule, or on a particular date in the future. Each station can have a combination of 12 daily or weekly schedules active on any given day.

Station Name	Weekly Schedule (Sun) 01			
	Start Time		End Time	
	Hour	Minute	Hour	Minute
Guard Station1	09	00	18	00 ▾
Master Station1				

Schedules are entered in 24-hour time. Click the cells beneath the desired schedule to set a Start Time and End Time. For example, a schedule that runs from 9 AM to 6 PM would be entered with a start time of 09:00 and an end time of 18:00.

If a schedule transfer starts on one day and ends after midnight on the next, set the start time later in the day and the end time earlier on the same day. For example, a schedule that runs from 10:00 PM on Monday to 7 AM on Tuesday would be entered under Monday with a start time of 22:00 and the end time as 07:00.

Scroll left to right to view different schedules. Use the **Display Settings** menu at the top of the page to adjust which days are displayed by clicking to **Schedule View Adjustment**, select a schedule for a future date under Daily Schedule, skip to a particular day of the week using the drop-down menu under Move to Related Settings, or adjust which weekly schedules are displayed under Display Range.

[Display settings]
[Weekly Schedule]
Schedule View Adjustment

[Daily Schedule]
7/8/2025

Display Range
1 - 12

[Move to Related Settings]
Thu

Upload the settings to the stations following the steps on page 9 of this guide. Be sure to also upload the schedule along with the settings.

Additional Resources

After finishing this quick start guide, the equipment will now be configured for the most common features. For additional information, including guides, application notes, product information, and videos, visit the links below.

IX|IXG Product Page

<https://www.aiphone.com/products/ix-ixg-series/>



Technical Knowledge Base

www.aiphone.com/kbtopic/ixg-series



Aiphone YouTube Channel

<https://www.youtube.com/Aiphonecorp/videos>

