

IXGS-TE Telephone Entry Kit Guide



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Introduction

The IXGS-TE Telephone Entry Kit includes everything needed for a telephone entry and mobile app multi-tenant intercom system. It includes an IXG-DM7-HIDA entrance station, an IXGW-TGW cloud gateway with SIM card, and an IXG-DM7-BOX flush-mount box for the entrance station.

There are two options for configuring the equipment. The preferred method is AiphoneCloud, which grants access to Remote Management. Remote Management allows for off-site programming through a web interface. There is also the option to use IXG Support Tool, a PC program that can configure the stations at the site. Both methods will be shown in this guide.

In order to use the telephone and 4G LTE features on the IXGW-TGW, a SIM billing account must be activated. After finishing the programming steps in this guide, be sure to follow the SIM Billing Guide, which is available at this link: <u>https://www.aiphone.com/sim-activation</u>

Systems programmed in IXG Support Tool cannot be migrated to Remote Management at this time.

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AiphoneCloud Instructions

AiphoneCloud uses the IXGW-TGW cellular gateway to connect with the local stations. Before starting this process, be sure that the following has been done:

- The IXGW-TGW has a PoE connection and an external internet connection, unless only the SIM connection will be used for data.
- The IXG-DM7-HIDA is on the same network switch as the IXGW-TGW so that it can be discovered by station search.
- If the stations will reside on a managed network, that the on-site network administrator has assigned IP addresses for the IXGW-TGW and IXG-DM7-HIDA. The IXGW-TGW will receive its IP address by DHCP, while the IXG-DM7-HIDA will receive its IP address during programming. Using DHCP reservations is recommended. These do not apply if only the SIM connection is used for the data, and the IXGW-TGW and IXG-DM7-HIDA are isolated from the rest of the network.
- Record the MAC addresses of the IXGW-TGW and IXG-DM7-HIDA before proceeding. These will be listed on stickers on the stations.

AiphoneCloud Navigation

Hand Icon



Look for the Hand Icon to indicate where to click on a screen. If a screenshot or series of screenshots show multiple Hand Icons for sequential steps, there will be numbers to show the proper order.

Highlight Box

An orange box is used to highlight important items in screenshots.

A Note on AiphoneCloud

AiphoneCloud is a dynamic product that is always being updated and improved. Items shown in this document may appear different than they do in the current version of AiphoneCloud. The settings and procedures shown will still work the same way.

AiphoneCloud Registration

Navigate to <u>https://aiphone.cloud</u>. If there is already an existing account, enter the credentials and click **Log In**. To create a new account, click **Register Here**.

Ainl		3 F
- Email Address example@email.com		
- Password		R
		Forgot your password?
	Log In	
	Need an account? Register have.	

To register an account, fill in the required information and click **Register**. A six-digit code will be sent to the registered email. Enter the code and click **Verify Account**.

Ainhor	
AIDIOI	
Email Address example@email.com	Phone Number
Company Name Sample Construction	
Address 123 Maple Dr.	
Address 2	
Select a country Select a state Washington	City Zip Code 98052
Password	Confirm Password
ine Lower case Letter ine Number it least 8 Characters	One Upper cass Letter One Special Character Passwords Match
By clicking the Register button, you agree Alphone Corporation's Terms & Condition Privacy Policy.	ee to Register

Aink	anaclaud	5
AIPI	INIE LIOUU.	
Email Verifica A 6-digit code has be - Verification Code	tion een sent to your registered email address for verific	ation.
Didn't receive the co	de? Resend	
		ount

Accessing Remote Management

After logging in, click Remote Management



A page will be displayed showing existing sites under the Branch, if any exist. To create the new site, the AiphoneCloud account will need to be linked to the IXG Portal. Either use an existing IXG Portal account by clicking **Log In**, or create a new account by clicking **Register**.

	New Site Creation
Please log in /	register to IXG portal to create a new site.
Log in	Register
A user must belong to a Branch and have the role of Member or higher to create a remote management site.	

If logging into an existing account, follow the prompts to log in. If making a new account, enter the desired administrator ID, email address, and password. Click **Create**. An email with a verification code will be sent to the administrator's email address; enter the administrator ID and the code. Click **Activate**. A success message will appear, and the login window will close.

- Administrator ID *	
JohnDoe	
Email Address *	
niotester@yahoo.com	
Password *	
	O
assword must be at least 8 characters long and include:	
At least one uppercase letter	
 At least one lowercase letter 	
At least one number	
- Confirm Password *	
	ø
	J

Administrator ID *		
JohnDoe		
Verification Code *		
964135		

Creating a New Site

Make sure that the equipment is attached to the same network switch as the IXGW-TGW gateway. Click **Create Site** at the top of the page.

New Site Creation	
Ready to create a new site?	
Create Site	
	New Site Creation Ready to create a new site? Create Site

A new window will appear. Fill out the information and click Next

Site Information	below			
- Site Name *	below.			
- Site Address				
- Select a country United States of 🔻	Select a state Washington	•	- Site City Redmond	
- Zip Code				

Select a Site Type. For sites using the IXGS-TE kit, select multi-tenant, and leave the checkbox for Existing IXG Property unchecked. Click Next

Multi-Tenant				
Optimized for multi group devices, mob	unit residential or commercial p ile apps, and tenants.	rojects. Organize your system into l	Jnits to	
Commercial				
Simple programmin start with 8 AIPHON	g for commercial projects. Add a IE IXG mobile apps.	any number of door, answering stati	ons, and	
Existing IVG Props	rtv			_

A general description of multi-tenant sites will appear. Scroll to the bottom of the window and click Create Site



Follow these steps to use the New Site Wizard:

- Connect the IXGW-TGW to the same network as the intercom stations.
- Record the MAC address and station type of each station for reference.
- If DHCP is not being used, make sure the IP addresses that will be assigned to the stations are written down.

Once these steps have been completed, check off the items and click Continue to Site Wizard

 Sure you're able to get your site up and running as quickly as possible. Your intercoms are connected to the same network as your IXGW-GW gateway. You have notated the station type and MAC address of each station. You have a list of station IP addresses (if not using DHCP) and station names to be given to each
 Your intercoms are connected to the same network as your IXGW-GW gateway. You have notated the station type and MAC address of each station. You have a list of station IP addresses (if not using DHCP) and station names to be given to each
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You have a list of station IP addresses (if not using DHCP) and station names to be given to each
station.

In order to be registered, the IXGW-TGW will need to be connected to a network with a DHCP server, since it uses DHCP by default. If the station's final location does not have one, temporarily connect it to a network with a DHCP server and internet access. The IXGW-TGW will acquire an IP address. A desired static IP address can be applied later in the wizard.

Enter the MAC address and click **Register Gateway**. The gateway's MAC address is located on a sticker on the bottom of the station. If registration is successful, the screen will be redirected to Add Devices after three seconds.

Wait unitil the status light on the front of the IXGW-TGW is solid orange before clicking

Register Gateway

Register Gateway

Register Gateway

Registration will not be possible until the station is in this standby state.

Image: Comparison of the gateway below:

Image: Comparison of the gateway

Image: Comparison

The IXGW-TGW will search for and discover IX | IXG Series intercom stations on the subnet. The specific station types will need to be selected. If it is not already filled in, click **Select Model Number** for each station. Set the gateway to model IXGW-TGW, and the entrance station to IXG-DM7-HIDA. Check the box next to the IXG-DM7-HIDA (the IXGW-TGW is automatically included). Once everything is configured, click **Add**.

\dd De	vices Wizard						
Q Se	arch for stations						
	MAC Addr	Device Type	IP Address	Station Type	Model Number	Name	No.
	00:0B:AA:44:00:72	IXGW-GW	192.168.1.16	Gateway Adaptor	Select Model Number	Gateway Ada	00012
	00:0B:AA:41:05:85	IXG-DM7	192.168.1.113	Video Entrance	IXG-DM7-H	ID front door	
					Add Ma	anually Cancel	Add

If the IXGW-TGW does not connect to a DHCP server, it will be at IP address 192.168.1.160. This can happen when the cellular connection is used as the only network connection, or there is not a DHCP server on the local network.

The Devices page will load. The IXG-DM7-HIDA will appear under the Entrance Stations tab, and the IXGW-TGW will appear under Gateway Adaptors. If everything looks correct, click **Continue**.

Devio	es
Please confirm device list below and continue	to the next step or add additional devices.
ENTRANCE STATIONS (1) GATEWAY ADAPTORS (1)	
00:0B:AA:41:05:85 Model Number: IXG-DM7-HID	
Back	Continue

The Add Buildings page will load. Systems using the IXGS-TE kit will almost always be single building. Leave the number at 1 and click **Continue**.

Add Buildings
Image: Section 1 Section 2 Image: Section 2 Section 2

A list of units in the system will appear. Units are used by the system to organize stations, tenants, and mobile apps. The IXG-DM7-HIDA should already be added to an Entrance Unit. Residential units will need to be created for each apartment. Units can be added or adjusted later instead, as shown on **pages 12-14**, but be sure the entrance station is assigned to a unit.

Click **Add a unit**. If an entrance unit is not already created, create one and add the IXG-DM7-HIDA to it. Select Entrance for the entrance station, scroll to the bottom of the Add a Unit window, and click **Next**.

Add, edit, and delete units for your site. Building Nu Unit Number Unit Name Unit Type Devices Tenants Apps No rows	
Building Nu Unit Number Unit Name Unit Type Devices Tenants Apps	
No rows	
Rows per page: 100 👻 0–0 of 0	< > د
]
Common Areas	
Entrance Entrance units consist of up to ten IXG-DM7-* entrance stations. Entrance stations can call guard, commercial, residential, and inside area units, as well as grant entry to residents by keypad or card reader.	
Guard Guard units consist of up to eight IXG-MK guard stations, IX-RS-* handset sub stations, one VoIP extension, or a combination of these, along with up to eight IXG Apps and a telephone number. Guard stations provide advanced functions including internal paging, call transfer, speed dial buttons, and more. The two private door stations will only call to stations within their unit.	

Leave the unit in the default building, 0001. Enter a Unit Number of three or four digits, and an appropriate unit name. Once everything is filled out, click **Add unit**. The same process can be used to add the apartments, which will be represented as Residential units.

Add a Unit	
Select Building	Select Building Number
Unit Number Units numbers must be unique in a given building.	Unit Number 100 Switch to batch add
Unit Name The Unit name will appear in the IXG-DM7-* Entrance Panel directory (when applicable).	Entrance station
	Back Add Un

If multiple residential units need to be created, use the batch add option to save time. Toggle **Switch to batch add**, which allows a range of numbers to be generated between the Starting Unit Number and Ending Unit Number. This will add stations for every number in the range. Once all the needed units have been added, click **Continue**.

Add a Unit			
Select Building		- Select Building Number	
Unit Number Units numbers must be unique in a given building.	Starting Unit Number	er Ending Unit Number 120 Switch to single a	Tenant information
Unit Name The Unit name will appear in the IXG-DM7-* Entrance Panel directory (whe applicable).	n	Unit Name Note: Unit name will be automatically generated based on the unit nu	later step.
		Back	d Unit
0001 107 Unit 107 Residential	0 0	:	
0001 110 Unit 110 Residential	0 0		
0001 105 Unit 105 Residential	0 0	1	
0001 106 Unit 106 Residential	0 0	i	
0001 104 Unit 104 Residential	0 0	:	
0001 101 Unit 101 Residential	0 0	1	
1 row selected		Rows per page: 100	✓ 1-12 of 12 < >
			Back Continu

The Device Basic Info page will be displayed. If needed, select a cell to change details such as the station name or networking information.

Assign Station	Assign Station Names, Station Numbers, and IP Addresses									
Review and make any done later. Choose Sł	Review and make any adjustments, then choose Associate in the Actions column on the right so the wizard can set desired IP addresses. Choose Save if the stations are not powered on, Association can be done later. Choose Skip if this information will be decided later.									
MAC Address	Model Number	Device	Station Name	Station Number	IP Address	Subnet Mask	Default Gateway	DNS	Actions	
00:0B:AA:11:22:33	IXG-DM7-HID		Entrance Static	6000	192.168.1.11	255.255.255.0	192.168.1.1	8.8.8.8	Select an Option	

Once the information is filled out for the station, click **Select an Option** to reveal a drop-down menu. Select **Set Device IP**, which will cause the station to immediately receive its IP address. Once all stations are configured, click **Continue**.



Click Go to Site Info on the next page to exit the wizard.



This will open the main Site Info page. The links on this page allows for station settings to be configured and pushed to the stations through the gateway. First, the gateway needs to be synced with the Remote Programming website.

The current status of the gateway will be displayed in the Gateway Toolbox. A green status icon next to an item indicates a positive status, while a red one indicates that the item needs attention. Similar status messages will appear under Site Checklist. Click **Needs Sync** next to the gateway to perform the sync.

Gateway Ac Gateway Sta Gateway is onlin No misconfigura	tion Cente tus ations detected.	er	Gateway Please upda possible.	Firmware te firmware as soon as	X	Gateway C Gateway firm required	Configuration	be
Check (Gateway Status]	<i>دي</i> Upd	ate Firmware		Sync	Gateway	
MAC ; Address	Model Number	Station Name	Station Number	Station Status	Firmware Sta	atus S	Sync Sound File	Test Config Url
00:0B:AA:33:44:55	IXGW-TGW	Gateway Adaptor	444	Needs synt	Unknown)		-
00:0B:AA:11:22:33	IXG-DM7-HID	Entrance Statio	6000	Device IP address incorrect	Unknown) [Sync Sound	-

Configuring Units

To configure the units, navigate to Tenant Management, Units. This will display a list of the site's units.



To create a new unit, click **Add a Unit** in the top right corner. This menu will look like the setup wizard instructions on **page 9** of this guide.



This page can also be used to edit and modify existing units. Use the three dots next to a unit to open a menu and click **View Unit** to display all settings for that unit.

Units Add, edit, and	delete units fo	or your site.				
Building Nu	Unit Number	Unit Name	Unit Type	Devices	Tenants	Apps
0001	101	Unit 101	Residential		0	8
0001	102	Unit 102	Residential		0	View Un 2 View Tenants

This page allows the unit number and name to be modified. If any changes are made, click Save Unit Details

Unit 101 Unit Number 101	– Unit Name –	
	Save Unit Details	

Configuring Units (continued)

Adding Additional Tenants and Changing the Primary Tenant

Under the Tenants section, new tenants can be created by clicking **Add Tenant to Unit**. Fill out the information and click **Add Tenant**

ne primary tenant designation determine	s the phone number used for telephone entry and the name displayed in the IXG-DM7 direc
L Add Tenant to Unit ⊥ Move out Tena	ante
d Tenant	
Id Tenant	
irst Name *	Last Name *
irst Name *Steve	Last Name * Smith
irst Name *	C Last Name * Smith C Phone Number
irst Name *	Last Name * Smith Phone Number 5552347890

The first tenant added to a unit will be automatically set as the Primary Tenant. While all tenants can have a phone number registered, **only the Primary Tenant's phone number will be called by the entrance station.** To change which tenant is Primary, click the three dots next to the tenant, then **Edit Tenant**

Tenants The primary tena	int designation deteri	mines the phone number	used for telephor	ne entry and th	ne name displayed in the IXG-DM7 directory.
+ Add Tenant t	to Unit + Move out	Tenants			
First Name	Last Name	Email	Phone	Primary T	enant
Steve	Smith	steve.smith@emai	5552347890	No	
Richard	Roe	richard.roe@email	5555554321	Yes	Edit Tenant
					Delete Tenant

Click the slider under Set as Primary Tenant to change the tenant's status, then click Save .

Edit Tenant	
Edit Tenant Fill out the form below to edit an existing tenant.	
First Name *	Last Name *
Steve	Smith
Email	Phone Number
steve.smith@email.com	5552347890
Set as Primary Tenant	
If there is already a primary tenant for this unit, they will be demoted.	
-	Cancel Save

Configuring Units (continued)

Adding Tenants by Call-In

IXGW-TGW gateways typically support the option to register phone numbers by calling the IXGW-TGW directly. **However, this option is not compatible with Remote Management.** Always use Remote Management to add or edit phone numbers for systems not programmed with IXG Support Tool.

Setting Access Options

To set an access code for the unit, click **QR & Access Codes**. Set the access pin, enable QR code access if desired, and click **Save Changes**.



configured.

Configuring Tenants

A list of all tenants in all units can be added to or modified by navigating to **Tenant Management**, <u>Tenants</u>. This will open a list of tenants on the site. Click **Add a tenant** in the top right corner.



A new window will appear. Fill out the first and last name for the tenant, then assign them to a building and unit number. An email or phone number can also be added. Email is optional, while the primary tenant's phone number will be called if telephone settings are configured. Selecting which number the entrance panel will call will be done in the next section.

Once everyting is filled out for the tenant, click Add tenant.

Add Tenant	
Add Tenant Fill out the form below to add a new tenant.	
- First Name *	_ Last Name*
Richard	Roe
- Email	Phone Number
richard.roe@email.com	5555554321
- Building Number	C Unit Number
0001 -	110 -
	Cancel Add Tenan

The new tenant will appear in the list. To modify or delete that tenant's information, including setting the unit's primary tenant, click the three dots symbol to the right of the tenant. Repeat these steps to fill out the tenants on the site. For the following steps, each unit will need at least one tenant added. If needed, placeholders can be used until tenant information is known.

Tenants Add, edit, and delete	tenants for your site						
Building Number	Unit Number	First Name	Last Name	Email	Phone Number	Primary Tenant	
0001	110	Richard	Roe	richard.roe@email	5555554321	Yes	8

Entrance Station Settings

To configure the entrance station, navigate to Intercoms, Entrance Stations. Click Edit Advanced Settings



Click **Entrance Settings** on the left-hand menu. This screen allows for different features to be displayed and set as the default. A setting can be disabled by clicking the Disabled/Enabled slider beneath the setting, and set to be the default view by clicking anywhere in the setting box that is not a button.

Station Info	Search By Name	Default
Network Info		Call By Directory
Security Settings		
		Select from List
F Entrance Settings		1st floor
Address Book	1 2 3 4 5 6 7 8 9 0	2nd floor
Sound Settings	Q W E R T Y U I O P	Tenant Station 1
⇒ Input Output	ASDFGHJKL ZXCVBNM 🔤 🔀	Tenant Station2
🚔 🕯 Maintenance		β , < $1/2$ >
Return to Site	Disabled Disabled	
		Disabled C nabled
		Configure Directory

Entrance Station Settings (continued)

Door Release Keypad: Enter a key code to unlock the door.

Call by Unit Number: Dial the unit number to place a call.

Call by Directory: The units are displayed in order, with a call button for each on the touchscreen.

Search by Name: Search by the first and last names assigned to the unit.

Door Release QR Code: Mobile app users can send temporary QR codes to guests.

These are the recommended settings for telephone entry applications, though needs may vary by site. **Door Release Keypad:** Enable (*optional, if door release codes are configured*). **Call By Unit Number:** Enable.

Search By Name: Enable (optional, if first and last names are assigned to the residential units). Call By Directory: Enable.

Door Release QR Code: Enabled (requires mobile app configuration).

Recommended Default Screen: Call By Directory

Once the display settings are complete, click **Save Changes** in the top right corner.



To configure Call by Directory, click **Configure Directory** under this setting. Either click **Select All** or check off individual units to add them to the list on the right side of the page. To change the order the stations are ordered in, drag and drop the items in the list. Once everything is arranged properly, click **Save**, then click **Save**.

Disabled 💶 Enabled	Configure Directory	
Configure Directory	Units in Address Book	Call Directory List
	Select All	Please drag and drop to reorder the list
	Unit Name: Unit 101	Unit 101 ×
	2	Save 3

To set access codes, click **Configure Access Codes**, which will open the **Units** page. The steps for configuring the access codes will be the same as shown on **page 14**.



Registering Mobile Apps

Using mobile apps may require additional licenses. Reach out to your Aiphone sales rep or Aiphone tech support for more information.

In addition to telephone entry, the IXGS-TE kit can also place video calls to the Aiphone IXG app. The units need to be set to support mobile apps, and then tenants can register their phones using a QR code.

The app, called Aiphone IXG, is available on Apple[®] iOS and Google[™] Android devices, and can be downloaded from their respective app stores.

To get started, navigate to Tenant Management, Units.



Use the three dots next to a unit to open a menu and click View Unit to display the settings for that unit.

Units Add, edit, and	delete units fo	or your site.					
Building Nu	Unit Number	Unit Name	Unit Type	Devices	Tenants	Apps	
0001	101	Unit 101	Residential		0	8	1
0001	102	Unit 102	Residential		0	View United View Tenants	

Scroll to the bottom of the page and find the Mobile Apps section. Click **+ Add Apps**. A new popup menu will appear. Type in any number between one and eight for however many apps will be used by that tenant. Eight is recommended for sites using the IXGS-TE kit. Click **Add Apps**.



Add Mobile App(s) to Unit		
Number of Apps Enter between 1-8 apps to add to this unit.	– Number of Apps ––––– 8	
		Cancel Add Apps

Registering Mobile Apps (continued)

The mobile apps will appear, and show their registration status. To confirm that the entrance station has been assigned to the apps' address book, click **Configure Address Book**.

Mobile Apps				
+ Add Apps	Configure Address Book			
Name	Registered			
MobileApp4	No			
MobileApp2	No			
MobileApp1	No			

Select the entrance station from the address book. If it does not appear, use the search menu to the left to find the unit that contains it. Click **Save**.



Mobile apps can be registered directly from this page by scanning the QR code. The code can also be exported as a PDF by clicking **Export QR Codes** or emailed by clicking **Email QR Codes**. Once scanned, follow the prompts on the mobile app to complete registration.



More information on using and registering the Aiphone IXG app is available here:

https://www.aiphone.com/IXG-App-Operation-Guide https://www.aiphone.com/IXG-Portal-Management-Guide

Updating Stations

Once everything is configured, the stations will need to have their settings, and possibly their firmware, updated. Navigate to **Site Info** on the left side menu. This will display the status for the gateway and the entrance station. If a station shows that it needs a firmware update, click **Needs Update** before clicking **Needs Sync**.

Station Mana	ger					
Device Check]	ţ	Sync Station Co	onfiguration	C Upda	te Station Firmware
MAC Address	Model Number	Station Name	Station Number	Station Status	Firmware Status	Sync Sound File
00:0B:AA:41:16:57	IXG-DM7-HID	Entrance Station	6000	Needs sync	Needs update	Sync Sound

A new page will open. Use the drop-down menu to select the proper Firmware Series (Enhanced for the IXGW-TGW and Standard for the IXG-DM7-HIDA) and click **Update Firmware**.

Firmware Update For up-to-date information about firmware, please click <u>here</u>		
Current firmware: Up to date 4.80 (Enhanced)		
Firmware Series: You selected enhanced for this device	Firmware Series:	•
The latest firmware version available for enhanced series: 4.80		C Update Firmwa
Firmware Update Log		
A		

Firmware updates will take several minutes and the station will reboot several times during the process. Do not reboot or unplug a station in the middle of a firmware update, since it may damage the unit.

Once the firmware update is complete for both stations, navigate back to **Site Info**. Click **Needs Sync** to upload the settings to the station. once all stations have been synced, click **Sync with IXG Cloud** to sync data with the IXG Portal account. Once this process is complete, the system will be ready to use.

Station Mana	ger			
\diamondsuit Device Check			🗘 Sync Station Co	onfiguration
MAC Address	Model Number	Station Name	Station Number	Station Status
00:0B:AA:41:16:57	IXG-DM7-HID	Entrance Station	6000	Needs sync
				1

Q	IXG App Configuration Sync with IXG Cloud
	Sync with IXG Cloud

IXG Support Tool Table of Contents

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IXG Support Tool Instructions

IXG Support Tool can be downloaded here: https://www.aiphone.com/IXG-SupportTool

This section is focused on programming the included stations for telephone and mobile app setup. If more stations need to be added, or if other features need to be configured, refer to these full programming guides.

IXG Quick Start Programming Guide: <u>https://www.aiphone.com/IXG-SupportTool</u> IXG Property Manager Guide: <u>https://www.aiphone.com/property-manager-full</u>

Support Tool Navigation

Top Menu

File(F) Connection(S) App Integration(C)

This menu is located at the top of Support Tool, featuring quick access to support and integration settings. Use Alt+() to quickly access the menu options. In these instructions, the top level is shown in *Italics*, with the second level <u>Underlined</u>. Example: *Site Settings*, <u>Site Information</u>.

Side Menu

Move-in Settings	
Site Settings	
Site Information	
Building Information	
Units / Stations	

This accordion-style menu is where most station settings are located. Click + or - to expand or minimize a category. In these instructions, the top level is shown in **Bold**, with the second level <u>Underlined</u>. Example: **Site Settings**, <u>Site Information</u>.

Save Button



The Save button is used to save configured settings within Support Tool. Clicking the Save button does not push setting changes to stations. The process of uploading settings to stations is covered later in this guide. This may be labeled as Update in some editions of IXG Support Tool.

Hand Icon



Look for the Hand Icon to indicate where to click on a screen. If a screenshot or series of screenshots show multiple Hand Icons, there will be numbers to show the proper order.

Highlight Box



An orange box will be used to highlight important items on screenshots.

Initial Setup

Open IXG Support Tool. Select the Administrator radio button, enter the ID and password, then click **Login**. If this is the first time that IXG Support Tool has been opened, the default credentials will be admin/admin, and there will be a prompt to choose a new password. Click **OK**. Be sure to record the new login information. The ID will still be admin.

ogin	Administrator	O Property Manager	
ID	admin		
Password	****		

Change Password							
Cancel							

If this is the first time IXG Support Tool has been used, it will automatically open a Create New System window. If it does not, navigate to *File(F)*, <u>Create New System</u> on the top menu.

Fill out the required information on this page. Any item marked with a red diamond or an asterisk is required. Once everything is filled out, click **Finish**.

	Create New System	
ireate a new system. iite Name 🔶 15th Street vstem Type III	Required Settings	Most sites using the IXGS-TE will be Single Building system
) Single Building O Multiple B	uildings *Cannot be changed once created.	
Building *1~99 stem ID Table c20 alphanumeric characters stem Password -20 alphanumeric characters		Most information on this page be changed later by navigating Site Settings , <u>Site Information</u> The one exception is the Cour Region setting. If this is incorr the issue can only be fixed by
ease provide the following information. nay be used for account recovery purposes.		completely reprogramming the system.
ease provide the following information. may be used for account recovery purposes. Required Settings for Mobile App Service		completely reprogramming the system.
ease provide the following information may be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name *		completely reprogramming the system.
ease provide the following information may be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name * 5th Avenue Realty		completely reprogramming the system.
Asse provide the following information may be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name * [5th Avenue Realty Representative Name *	 	completely reprogramming the system.
ease provide the following information nay be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name * 5th Avenue Realty Representative Name * Richard Roe		completely reprogramming the system.
ease provide the following information nay be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name * 5th Avenue Realty Representative Name * Richard Roe Email *		completely reprogramming the system.
ease provide the following information. may be used for account recovery purposes. Required Settings for Mobile App Service operty Management Information Company Name * Sth Avenue Realty Representative Name * Richard Roe Email * roe@mail.mail		completely reprogramming the system.
lease provide the following information. may be used for account recovery purposes. Required Settings for Mobile App Service Toperty Management Information Company Name * Sth Avenue Realty Representative Name * Richard Roe Email * roe@mail.mail Phone Number * S55-5555		completely reprogramming the system.

Creating Units

In IXG Support Tool, units are used to organize stations. There will be a unit for the IXG-DM7-HIDA entrance station, and there will be a unit for each apartment or office that will be assigned a phone number or mobile apps.

Navigate to **Site Settings**, <u>Units/Stations</u>. For each unit to be created, use the drop-down menu under **Building Number** to assign it to a building (01 for Single Building systems). Enter a **Unit Number** that is 3 to 5 digits long. Use the <u>Select</u> button next to each **Unit Type** to choose the proper unit. The entrance station will be assigned to an entrance unit, and each tenant will be assigned to a Residential Unit.

				Select Unit
				Entrance
Building Number	Unit Number	Unit Type		Residential
				Guard
				Commercial
01	100	Entrance	Select	Inside Area
01	200	Residential	Select	Outside Area
01	201	Residential	Select	Delete Residential, Guard, and Commercial units can
01	202	Residential	Select	apps and a phone number.
01	203	Residential	Select	

Each unit will automatically be assigned a **Unit Name**. These can be replaced if needed. For the residential units, a **First Name** and **Last Name** can be assigned, though this is optional.

Unit Name	First Name	Last Name
Main Door		
Apartment 200	Alan	Smithee
Apartment 201	John	Doe
Apartment 202	Jane	Doe
Apartment 203	John	Smith

Creating Units (continued)

For each residential unit, use the drop-down menu to change **Phone Registration** from Disable to Enable. For the entrance unit, click **Select** to set the **Door/Entrance Station 1** station to IXG-DM7(-*).

Phone Registration	Master / Tenant S		Door / Entrance Station 1		Select Station
					IXG-DM7(-*)
		Select	IXG-DM7(-*)	Select	Delete
Enable		Select		Select	
Enable		Select		Select	Cancel
Enable		Select		Select	
Enable		Select		Select	

If the site will use mobile apps, scroll to the far right. Under **Number of Available Mobile Apps**, use the drop-down menu to change the number from 0 to 8 for each unit. Once everything is configured, click **Save**.



Advanced View

To reveal more settings that will be programmed later, navigate to View, Advanced.



Registering the IXGW-TGW

Navigate to **Gateway Settings**, <u>Gateway Registration</u>. Place a check mark under the **Enable** column. This will open up other settings for the gateway. The automatically set name can be changed under **Station Name**, but this is optional.

Gateway Number	Station Type	Enable	Station Name
1	IXGW-(T)GW		Gateway Adaptor1
2	IXGW-(T)GW		

The **Key Input Wait Time** setting controls how long a user calling the IXGW-TGW to register their phone has between key presses when entering their password. The default 15 seconds is usually sufficient.

Key Input Wait Time [sec]	
15	
15	

By default, the gateway will connect to the network with the hardwired power over ethernet (PoE) connection that powers it and switch over to the 4G LTE if the hardwired network connection is unavailable. If only the 4G LTE connection will be used for network connection, scroll all the way to the right. Use the drop-down menu under **Internet Connection** and change the option to Cellular (SIM). This will not be the case at most sites; consult the local network administrator for details. Once everything is configured, click **Save**.



Network Settings

To set the network information for the entrance station and gateway, Navigate to **Network Settings**, <u>IP Address</u>. For both stations, select whether the network will use IPv4 or IPv6 addressing and choose whether to use static or DHCP addresses. Set an **IP Address** and **Subnet Mask** for each station. For the gateway, also set a **Default Gateway** and a **Primary DNS Server**. A **Secondary DNS Server** can also be set, but this is optional. This information will vary from site to site; consult with the local network administrator for details. Once everything is configured, click **Save**.

	IP Address	355																					
Station Name				IPv4	Addre	ess																	
	Hostname	IP Version	Static / DHCP	Static / DHCP	IP Address Subnet Mask Default					Default Gateway				Primary DNS Server				Secondary DNS Serv					
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Entrance Station1		IPv4	Static	192	168	1	50	255	255	255	0												
Gateway Adaptor1		IPv4	Static	192	168	1	51	255	255	255	0	192	168	1	1	8	8	3 8	8	8	8	4	

If the IXGW-TGW will only use its 4G LTE connection after programming, the **Default Gateway** and DNS server options do not need to be set.

Associating the Stations

To apply these network settings to the stations, navigate to *Connection(S)*, <u>Association Settings</u>. A station search will begin automatically, and a pop-up window will appear. Click **Cancel** to end the search after a few seconds.



There are two lists on the page that will have items in them. The **Station Settings List** shows the programming for the stations. The **Station List** shows the stations that appear in a search. Use the radio buttons to select the matching station types in both lists, and then click **Apply**.

Subnet Mask	Associated	^
255.255.255.0	-	
255.255.255.0	-	
	Subnet Mask 255.255.255.0 255.255.255.0	Subnet Mask Associated 255.255.255.0 - 255.255.255.0 -

		S	tation List				
Select Building Nu Unit Num	ber Station Name	Station Type	IP Address	Subnet Mask	MAC Address	Associated	^
•	Gateway Adaptor2	IXGW-(T)GW	192.168.1.51	255.255.255.0	00:0B:AA:4C:81:3B	-	
0		IXG-DM7(-*)	192.168.1.160	255.255.255.0	00:0B:AA:41:0A:0E	-	
							Ų
¢							>
multiple NICs are active on th n the File menu.	is PC, designate the NIC tha	t IXG Support Too	I will use in "IXG Su	pport Tool Settings	¢.		
Apply						Static	on Search

The associated stations will appear under the **Associated Stations List**. If the stations' IP addresses changed, they will reboot. This process will take several minutes to complete.

		10-00	Martine Martine	Associa	ted Stations Lis	st			
Select	Building Nu	Unit Number	Station Name	Station Type	IP Address	Subnet Mask	MAC Address	Status	
	01	100	Entrance Station1	IXG-DM7(-*)	192.168.1.50	255.255.255.0	00:0B:AA:41:0A:0E	Success	
			Gateway Adaptor1	IXGW-(T)GW	192.168.1.51	255.255.255.0	00:0B:AA:4C:81:3B	Success	

This will assign the stations their IP address, but other settings will not be applied until the settings are uploaded later.

Entrance Station Settings

There are a variety of ways that the IXG-DM7-HIDA can be configured. This document focuses on the most common settings for telephone entry applications. Other settings can be viewed in the Quick Start Programming Guide that was linked on page 1 of this guide.

Display

These settings control which options are available to visitors and which is displayed by default. Here are the settings that are most commonly used for telephone entry systems.

Door Release Keypad: Enter a key code to unlock the door.

Call by Unit Number: Dial the unit number to place a call.

Call by List: The units are displayed in order, with a call button for each on the touch screen.

Search by Name: Search by the first and last names assigned to the unit.

Note: Call by List and Call Directory cannot be be used at the same time.

Default Display Screen: The first menu that is displayed when the user taps the screen.

These are the recommended settings for telephone entry applications:

Door Release Keypad: Enable (optional, if door release codes are configured).

Call by Unit Number: Enable.

Search by Name: Enable (*optional, if first and last names are assigned to the residential units*). **Call by List:** Enable.

Default Display Screen: Search by List Screen (displays Call by List by default).

	Display	splay							
Station Name	Navigation Icon Settings								
	Door Release Keypad	Door Re	Call by Unit Number		Call by List	Search by Name	Call Directory	Display Call Ł	Default Display Screen
Entrance Station1	Enable	Disable	Enable	~	Enable	Enable	Disable	Disable	Search by List Screen

Once everything is configured, click Save.



Direct Call List

To configure which units are called by the Direct Call List buttons, navigate to **Entrance Station Settings**, <u>Direct Call List</u>. Up to 500 buttons can be configured, and they are laid out left to right, starting at **Button Number1**.

To configure a button, click **Select** under it.

	Entrance Station Settings					
	Direct Call List					
Station Name		Button Number1				
	Display Thumbnail In	Buildin	Unit Numl	Select Unit		
Entrance Station1				Select		

Entrance Station Settings (continued)

Direct Call List (continued)

Put a check mark next to the desired unit (only one can be selected). Click **OK** to confirm. Repeat these steps for each button that is configured, and click **Save** to finalize the settings.

ect	Building Number	Unit Number	Unit Name			
	01	200	Apartment 200			
	01	201	Apartment 201			_
	01	202	Apartment 202			Save
	01	203	Apartment 203		0.0	

Access Code (optional)

If tenants will be assigned access codes to release the door, navigate to **Entrance Station Settings**, <u>Access Code</u>. Use the drop-down menus in the Filter box to select the default building and the entrance station. Click **Apply**.

Filter		
Building Number / Building Name	01/Building1 V	Apply
Station Number / Station Name	1000/Entrance Station1 V	

By default, the access codes are four digits long. The length can be modified under Length.

Filter			Length
Building Number / Building Name	01/Building1 V	Apply	4
Station Number / Station Name	1000/Entrance Station1 V		

For each tenant, enter a number at the set length under the **Access Code** column. The code will be displayed under **Relay Output 1**. The user will type the combination of letters and numbers displayed there to unlock the door.

Once everything is configured, click Save

	Entrance Station	Settings	
		Access Code with Touch Panel Relay Output 1	
Unit Name	Access Code		
Apartment 200	1234	A1234	
Apartment 201	2345	A2345	
Apartment 202	3456	A3456	
Apartment 203	4567	A4567	

Gateway Settings

This group of settings configure the IXGW-TGW to connect to the 4G LTE network and place calls.

Gateway SIM Settings

These settings configure the SIM settings for the IXGW-TGW, allowing it to connect to the LTE network. Only the pre-installed SIM card is supported, and should never be removed.

Navigate to Gateway Settings, Gateway SIM Settings. Configure the settings as follows:

	Gateway SIM Settings	ateway SIM Settings						
	APN Settings							
Station Name	APN	User Name	Password	Authentication Type	APN protocol	Network Type		
Gateway Adaptor1	iot0723.com.attz	aiphone	*****	PAP	IPv4v6	Automatic		

APN: iot0723.com.attz User Name: aiphone Password: aiphone Authentiation Type: PAP (default setting, do not change) APN protocol: IPv4v6 (default setting, do not change) Network Type: Automatic (default setting, do not change)

There is an option to set a PIN code under **PIN Code Settings**. Doing this will lock the SIM card to the MAC address of the IXGW-TGW. If a PIN code is needed, set **PIN** to Enable. A pop up will appear with a warning that this process will override a PIN code that has already been set on the SIM card, and that entering an incorrect PIN code too many times can lock a SIM card. Enter the desired PIN code under **Code**.

Once everything is configured, click Save

Gateway Selection

Since IXG Support Tool allows for multiple gateways on larger sites, the gateway must be set for each unit. Navigate to **Gateway Settings**, <u>Gateway Selection</u>. For each unit, use the drop-down menu under **Gateway Number** and set it to 1. Once everything is configured, click <u>Save</u>.

	Gateway Number	Station Name
Main Door	1	
Apartment 200	1	Gateway Adaptor
Apartment 201	1	Gateway Adaptor
Apartment 202	1	Gateway Adaptor
Apartment 203	1	Gateway Adaptor



Gateway Settings (continued)

Telephone Entry Settings

There are two ways to register phone numbers with the system. End users can call the IXGW-TGW's phone number and register directly. Instructions for this process are included on page 15 of this guide, since phone numbers can't be registered that way until all other settings have been completed. If this method is used, the default password for the tenant will be visible under **Gateway Settings**, <u>Telephone Entry Settings</u>.

Phone numbers can also be set directly in IXG Support Tool. To do so, navigate to **Gateway Settings**, <u>Telephone Entry</u> <u>Settings</u>. IXG Support Tool will display a pop-up while it downloads the current telephone information from the gateway. For each unit, type in a **Registered Phone Number**.

The download will fail during initial programming, since the IXGW-TGW does not have any settings to download yet.

Select	Building Nu	Unit Number	Unit Name	Registered Phone Number
	01	200	Apartment 200	******7890
	01	201	Apartment 201	*****8901
	01	202	Apartment 202	*****8923
	01	203	Apartment 203	******2387

Only one phone number can be set for each unit.

A **Phone Entry Code** can also be set, allowing users who receive a phone call to unlock the door by using the number pad on the their phone. Separate codes can be set for each relay output on the entrance station, and codes can be between 1 and 20 digits long. Once all settings are configured, click **Save**.

Phone Entry Code	es
Relay Output 1	1
Relay Output 2	2

Once phone numbers have been registered to the IXGW-TGW and the system is programmed, information can be downloaded to IXG Support Tool or exported by using the buttons along the top of the screen. This will allow numbers registered via phone calls to be added to the configuration in IXG Support Tool.

Download Phone Information will import all registered phone numbers on the IXGW-TGW into IXG Support Tool.
 Export Registration PDF will create a PDF listing the methods used to register each phone number.
 Backup Phone Information will create a backup of the currently registered phone numbers.
 Recover Phone Information allows the registered phone numbers to be restored from a backup.

Download Phone Information	Export Registration PDF	Backup Phone Information
		Recover Phone Information

Uploading Settings to Stations

Navigate to *Connection(S)*, <u>Upload Settings</u>. Click **Select** with the station type set to all, then click **Settings**. This will push the settings to both stations.

				St	tation List	
lect	Building Nu	Unit Number	Station Name	Station Type	Status	
4	01	100	Entrance Station1	IXG-DM7(-*)	-	
1			Gateway Adaptor1	IXGW-(T)GW	-	
						\$
ct S	itation by Type	5.				3
ct S	itation by Type	a.	✓ Select		Unselect	>
ct S ct fil	itation by Type	e. Iploaded.	 ✓ Select 		Unselect	\$

IXG Account Registration

Once the hardware is configured, an administrator account needs to be created and registered. If an appropriate administrator account already exists, skip to *Upload Settings to IXG Cloud Server* on the next page.

Create a New Administrator ID

Navigate to *App Integration(C)*, <u>Create a New Administrator ID</u>. Fill out the information there. It is highly recommended that the email selected for this account is one that is shared by the entire company, and is not tied to a particular user at the company.

Once everything is filled out, click **Create**. An email will be sent to the email address entered there. This may take several minutes to arrive. If does not arrive in that time, check the email's junk folder to make sure it was not blocked.

Administrator ID	
examplesystem	
Password	

The password must be uppercase letters, lowe Confirm Password	at least 8 characters and include rrcase letters, and numbers.

Email Address manager@greatinstalle	ers.com
Please keep this accou	int information private
If site settings have alre then it will not be possil account.	ady been uploaded to the IXG cloud se ble to upload from a new administrator
	Create a Canaal

IXG Account Registration (continued)

Administrator Account Activation

Once the email arrives, navigate to *App Integration(C)*, <u>Activation</u>. Enter the administrator ID created before, and enter the Verification Code sent from the registration email. Click **Activate**.

Administrator ID			
examplesystem			
Verification Code			
253456098			
	Activate		

Upload Settings to IXG Cloud Server

Navigate to *App Integration(C)*, <u>Upload Settings to IXG Cloud Server</u>. Enter the administrator ID or email address and the password. Click **Login**. Select the country and click **Upload**. Click **Agree** to accept the licensing agreement.

		License Agreement
IXG Cloud Server Administrator	Upload Setting	License Agreement
	opioad Setting	1. Instructions for Residents
examplesystem		When the Property Manager / Administrator creates a new user account in the [Aiphone IXG System], the resident should be instructed of the following:
Password	Select Country.	The resident should immediately inform the Property Manager / Administrator if they become aware of any unauthorized access, use, modification, or changes to the settings of the [Aiphone work of the settings of the se
**************************************	United States	If a resident moves out, they must deactivate the [Aiphone IXG System] App installed on their mobile device immediately.
	Upload	2. ID verification for issuing a QR code
Login	2	When a QR code is issued to set up a new user account of the [Aiphone IXG System], the Property Manager / Administrator should first verify the identity of the resident. Do not issue the QR code unless the identity of the resident has been verified.
		Agree Disagree

These credentials will also allow the administrator to manage the site at <u>https://portal.ixg.aiphone-app.net</u>. A single app can be used for testing right away, but the site and billing information will need to configured before more apps can be registered. See this guide for more information: <u>https://www.aiphone.com/IXG-Portal-Management-Guide</u>

Registering Mobile Apps

Once the billing has been configured, mobile apps can be registered.

The Aiphone IXG app is available for Apple[®] iOS and Google Android[™] devices with a camera. Aiphone IXG can be downloaded from the app stores here:

Apple App StoresM: <u>https://apps.apple.com/us/app/aiphone-ixg/id1444561862</u> Google Play[™] Store: <u>https://play.google.com/store/apps/details?id=jp.co.aiphone.ixgsystem&hl=en_US</u>

Registering Mobile Apps (continued)

In IXG Support Tool, navigate to *App Integration (C)*, **Export QR Code for App Registration**. Log in with the credentials that were created before and click **Login**.

IXG Cloud S	erver Administrator Login
IXG Cloud Server ID or Email	Address
examplesystem	
Password	

*Forgot password?	
	Login Cancel

This page displays a list of units that can have apps registered. Use the check box under **Select** for the desired units, then click **Export QR Code for App Registration**.

Export QR Code for App Registration					
Select	Building Nu	Unit Numbe	Unit Name	Registered Tenant Statio	Available App(s)
\checkmark	01	001	Commercia	0	1
	01	002	Guard002	0	1
	01	005	Residential	1	0

A window will pop up. Use it to select a location to safe the QR code PDFs, then click **OK** to save them, then **OK** on the next pop-up.





More information on using and registering the Aiphone IXG app is available here:

https://www.aiphone.com/IXG-App-Operation-Guide https://www.aiphone.com/IXG-Portal-Management-Guide

To register the device, open the Aiphone IXG app. Follow the prompts and accept the privacy policy listed there, then use the camera to scan the QR code. Follow the on screen instructions to complete the process. Repeat for each tenant.

Export System Configuration

It is strongly recommended to back up the settings once all settings have been configured. This will prevent having to completely reprogram or recover the system later.

Navigate to *File*, <u>Export System Configuration</u>. Click **Export** and select a location to save the configuration folder. Click **Finish** to exit the screen.



The configuration will be saved as a folder. The entire folder is needed to restore the system.



How to Register Your Phone Number with the IXG Series System

These instructions are for tenants and other end users to help them register their phone number to receive calls from IXG Series entrance stations.

Before you begin, make sure that the system administrator or manager has provided you with the phone number to call, your unit number, and a password to enter. If the password will be changed, they will also need to provide a second password. If you run into any issues, please reach out to your building's management.

For Management to Fill Out:	
Phone Number to Call	
Tenant Unit Number	
Existing Password	
New Password (optional)	

Steps:

- 1) Call the provided phone number.
- 2) Follow the prompts to select a language. For English, press 1.
- 3) Enter your unit number, followed by a #. Example: 201#
- 4) Enter the six digit password, followed by a #. Example: 246123#
- 5) If prompted to change the password, enter the new six digit password, followed by a **#.** Enter it again when prompted. **Example: 345789#, 345789#.** A message will play saying that the password has been changed.
- 6) Press 1 to return to the main menu.
- 7) Press 1 to register the phone number, then 1 again to finish the process. You may hang up at this point.

It may take up to 30 minutes for the registration to complete on the servers. Your phone will not receive calls until this finishes.