AIPHONE
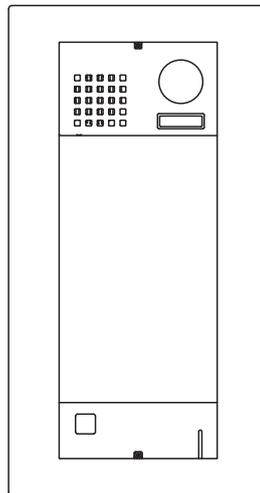
IX | IXG SERIES
IP Multi-Tenant Video Intercom

Entrance Station Setting Guide

IXG Support Tool version **6.0.0.3**

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GENERAL OVERVIEW

Overview

This programming manual provides a general overview of IXG-DM7-HID(A) settings. Each setting is definied and described, and additional programming functions are shown where clarification is needed. These processes use IXG Support Tool software.

For other programming resources, consult the links below.

IXG Support Tool: https://www.aiphone.com/IXG-SupportTool
IXG Series Quick Start Programming Guide: https://www.aiphone.com/IXG-Series-QuickStartGuide

Navigation

The **Entrance Station Settings** will all be accessed from the side menu on the left side of the IXG Support Tool's interface. Most of these submenus will be addressed in descending order. The exceptions are the Access Card Registration and Access Card Schedule settings, which are focused on configuring the IXG-DM7-HIDA entrance panel as a standalone access control system. These setting are outside the scope of this overview.
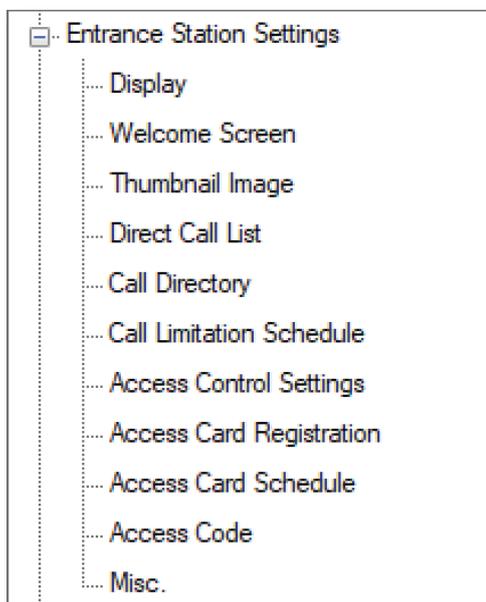
Some settings can be configured on all IXG-DM7-* stations, while others require specific models. These settings will be clearly labeled. Scramble Pad (see page 3) and Enhanced Integration settings (see page 8) functions require the station to have enhanced firmware.

Firmware updates can be downloaded at https://www.aiphone.com/kbtopic/ixg-series/#5695.

Entrance Station Settings

Display

This submenu controls which options will be displayed to users when they interact with the entrance station. Each entrance station is configured separately. The default displayed setting is configured in another section. All enabled options will be selectable from the top menu of the entrance station.

Setting	Description	Options	Default
Door Release Keypad	Show or hide the keypad for door release. Can also enable Scramble Pad, which changes the order of numbers on the keypad after each use.	Enable/ Disable/ Scramble Pad	Enable
Door Release QR Code	Show or hide the button to scan door release QR codes from a phone or other device.	Enable/ Disable	Disable
Call by Unit Number	Show or hide the option to call units by entering a unit number.	Enable/ Disable	Enable
Call by List	Show or hide a list of call buttons (call list is configured in **Entrance Station Settings**, <u>Direct Call List</u>. Cannot be used in conjunction with **Call by Directory**).	Enable/ Disable	Disable
Search by Name	Show or hide the option to call units by searching for tenant or unit names.	Enable/ Disable	Disable
Call Directory	Enable or disable the option to call units from a directory structure (Configured under **Entrance Station Settings**, <u>Call Directory</u>. Cannot be used in conjunction with **Call by List**).	Enable/ Disable	Disable
Display Call by Directory Thumbnails	If **Call Directory** is enabled, show or hide configured thumbnails (Configured under **Entrance Station Settings**, <u>Call Directory</u>).	Enable/ Disable	Disable
Default Display Screen	Selects one of the enabled screens to be the default view.	A list of enabled screens	Call by Unit Number Screen
Building Selection Button	For multi-building sites, allows entrance stations to select between different buildings and call their units.	Enable/ Disable	Disable
Hearing Aid Icon	Show or hide the hearing aid T-coil compatibility symbol.	Enable/ Disable	Disable
Display Video	Enable or disable video from the destination station in communication with the entrance station (requires the destination station to have a camera).	Enable/ Disable	Disable
Language Icon	Show or hide the option to switch the entrance station's display language.	Enable/ Disable	On
Available Languages	Enable or Disable the languages available for panel navigation.	Check box for each available language	N/A

Welcome Screen

This allows an entrance station to display a customized wallpaper. This will be shown to visitors when they approach the station. The wallpaper must be a 480x800 .png file. Click Save to finalize the settings.

Setting	Description	Options	Default
Welcome Screen Wallpaper:	Sets if a customized wallpaper can be uploaded.	Checkbox, on or off	On
Display:	Toggles whether the wallpaper will be shown to visitors when the motion sensor in the entrance panel is activated.	Checkbox, on or off	Off
File Name:	Shows the file name of the uploaded image, if any.	N/A	N/A
Browse:	Select a custom image.	N/A	N/A
Preview:	View the custom image.	N/A	N/A
Delete:	Select the checkbox, then click Save to delete the image.	N/A	N/A

Thumbnail Image

This allows custom thumbnail images to be uploaded to entrance stations. Up to five hundred images can be registered. Images are registered individually for each entrance station. The images must be 80x60 .png files.

Setting	Description	Options	Default
Thumbnail Number 1-500:	Shows the file name of the uploaded images.	N/A	N/A
Browse:	Select a custom image.	N/A	N/A
Preview:	View the custom image.	N/A	N/A
Delete:	Select the checkbox, then click Save to delete the image.	N/A	N/A

If multiple entrances will utilize the same thumbnail, click **Batch Thumbnail Configuration** . Click Browse to select a .png file. Enter a number between 1 and 500 to indicate which thumbnail number is to be set. Use the checkbox next to each entrance station to set them to receive the thumbnail. Click **Execute** to complete the batch upload, and click Save to finalize the settings.

Direct Call List

If **Direct Call List** was set to Enable under <u>Display</u>, configure up to 500 direct call buttons. Each call button can call a single unit. This cannot be used in conjunction with a **Call Directory**.

Setting	Description	Options	Default
For each Entrance Station: • **Display Thumbnail Image**	Sets if a thumbnail image can be displayed by the call buttons.	Checkbox, on or off	Off
For each button: • **Select Unit**	Select a unit to be called by the button**.**	Empty	N/A
• **Thumbnail image options**	Select one of the thumbnail images assigned to the entrance station under Thumbnail Image.	Empty	N/A
• **Preview**	View the custom image.	N/A	N/A

Once all the buttons are configured for one entrance station, these settings can be copied to another entrance station. Under **Copy Source Station**, use **Building Number / Building Name** to choose the building that houses the station, then **Station Number / Station Name** to choose the station to be copied.

Use the **Destination Units** and **Thumbnail Images** checkboxes to choose which content to copy.

Click ⬚Select to display a list of available entrance stations. Use the checkmarks to select all desired entrance stations, and click ⬚OK to confirm.

Click ⬚Execute to begin the process. Click ⬚Save to finalize the settings.

Call Directory

If **Call Directory** was set to Enable under <u>Display</u>, this menu allows for units to be grouped together under directories and sub directories. This cannot be used in conjunction with a **Direct Call List.**

To begin, use the **Filter** at the top of the page to select a building and entrance station.

Setting	Description	Options	Default
Add Call Button:	Creates one or multiple call buttons within the top directory or a sub directory.	Checkbox, on or off	On
Add Sub Directory:	Create a sub directory within the top directory. Multiple layers of sub directories can be nested within each other, and contain multiple call buttons.	Checkbox, on or off	Off
Delete:	Remove a call button or sub directory.	N/A	N/A
Thumbnail:	Attach a thumbnail to a call button or sub directory. Images must be 80x60 .png files.	N/A	N/A

Once the Call Directory is configured for one entrance station, these settings can be copied to another entrance station. Under **Copy Call Directory Station**, use **Building Number / Building Name** to choose the building that houses the station, then **Station Number / Station Name** to choose the station to be copied.

Use the **Destination Units** and **Thumbnail Images** checkboxes to choose which content to copy.

Then, click ⎡Select⎤ to display a list of available entrance stations. Use the checkmarks to select all desired entrance stations, and click ⎡OK⎤ to confirm.

Then, click ⎡Execute⎤ to begin the process. Click ⎡Save⎤ to finalize the settings.

Call Limitation Schedule

Entrance stations can be set to restrict which units can be called during designated hours. This can be used to prevent calls to tenants outside of business hours.

Setting	Description	Options	Default
Call Limitation	Allow or disallow call limitation schedules to be set.	Enable/ Disable	On
Display Thumbnail Image	Show or hide a thumbnail image on the call restricted destination list on the entrance station. (Thumbnail images configured under **Entrance Station Settings**, <u>Thumbnail Image</u>).	Checkbox, on or off	Off
Schedules:	Displayed as weekly schedules, Monday through Sunday. Each day can contain three schedules, with six call destinations per schedule.		
For each call destination: • **Select**	Select a unit to be called while the call limitation schedule is active.	N/A	N/A
• **Preview**	View the custom thumbnail image.	N/A	N/A
For each weekly schedule, per day: • **Start Time** (24 hour time)	Sets when the schedule starts.	N/A	N/A
• **End Time** (24 hour time)	Sets when the schedule ends.	N/A	N/A

There are a few ways to change the displayed schedules. The dropdown under [Move to Related Settings] can be used to show a single day of the week's schedules. Click Schedule View Adjustment to select multiple days, or restrict the particular schedules shown for each day. Click Save to finalize the settings.

Access Control Settings

The **Access Control Settings** enable the proximity card reader built into the entrance station, and allow for codes to be sent to a separate access control system when the door is released. Click Save to finalize the settings.

Setting	Description	Options	Default
Access Control Settings	Activate or deactive the proximity card reader built into the entrance panel. Enhanced Integration sends the tenant's assigned access code to access control for improved tracking. Requires 4 or 8 bit burst to be enabled under Wiegand I/F Pin Code Settings.	Enable/Disable/ Enhanced Integration	Enable
Wiegand I/F PIN Code Settings:	Sends a pin code to the access control system through the Wiegand connection when the entrance station's door release relay is activated during communication. Pin codes are not sent when a card is read or an access code is entered.		
• **Pin Code Format**	Select the format for the pin code.	None/ 4 bit burst/ 8 bit burst	None
• **Door Release Pin Code**	The numbers that make up the pin code.	Enter a PIN code	None
Wiegand I/F LED Settings:	Configures settings for receiving LED signals from the access control system when the proximity reader is used to unlock the door.		
• **Detection Time Range**	Set a range for LED signals that the entrance station recognizes.	0 (Immediate)/ 100-1000[msec]	100-1000 [msec]
• **Detection Time**	Set a specific time range for the LED signal.	0 (Immediate)/ 100-1000[msec]	100[msec]

Access Code

Configure access codes to release entrance stations. One code can be set for each unit in the building. Click Save to finalize the settings.

Setting	Description	Options	Default
Access Code	Type in a 4-6 digit code (code length set above).	N/A	N/A
With Touch Panel Settings:	Displays set access code for that unit, showing whether it is configured for Relay Output 1 or Relay Output 2.	N/A	N/A
with Physical Keypad (for IXG-DM7-10K only)	Not available in the North American market.	N/A	N/A

Depending on which relay output is enabled, the access code will appear with either an A or a B in front of it, which is required to unlock the door. If a Wiegand I/F Pin Code Setting was configured under **Entrance Station Settings**, Access Control Settings, the process for using an access code changes. Enter the number without a prefix letter, then confirm by pressing **B**.

For example, if a unit's Access Code is **4567** and they are unlocking Relay Output 1, users would enter **A4567** to unlock the door. When Wiegand I/F Pin Code Setting is configured, users would instead enter **4567B**.

Miscellaneous *(Misc.)*

This is a collection of entrance station settings that do not fit in other sections. Click Save to finalize the settings.

Setting	Description	Options	Default
Motion Sensor	Set whether the motion sensor on the entrance station is active. This will activate the screen when a visitor approaches.	Checkbox, on or off	On
Communication after Door Release	Set whether a call will continue after the door is released, or if the call will immediately disconnect.	End or Continue Communication	Continue
Impact Detection	Enable or disable the impact detection hardware on the entrance station (IXG-DM7-HIDA required).	Enable/Disable	Enable
Impact Detection Sensitivity	If Impact Detection is enabled, set the sensitivity level (IXG-DM7-HIDA required).	Low, Medium, or High	Medium
Impact / Tamper Alert Sound	Configure the sound played by the entrance station when an impact is detected or the station or cable is removed (IXG-DM7-HIDA required).	Various, including None	Tremolo
Access Control Log	If the Access Control feature is being used, set whether the logged events can be exported.	Enable/Disable	Enable
VIGIK®	This integration is not used in the North American market.	N/A	N/A

For more details about the features and information above, please contact Technical Support.

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