
IX Series

Option Input Settings

This document describes the configuration the option input of IX Series Stations. These inputs may be utilized for **touchless calling** and answering at door station or master stations, pre-recorded Message Page activation, or other application-specific needs.

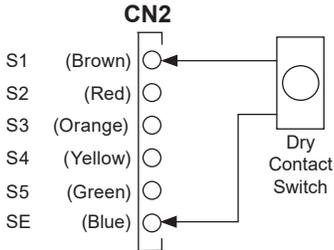
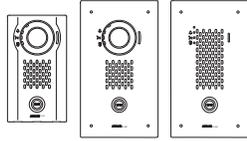
IX Series stations with configurable inputs are as follows: **IX-MV7-***, **IX-RS-***, **IX-DV**, **IX-DVF-***, **IX-SSA-***, **IX-SS-2G**, **IX-DA**, and **IX-BA**

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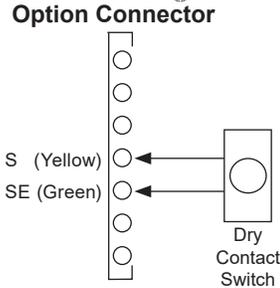
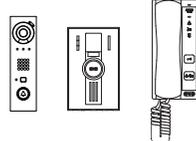
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Door Station Option Inputs

IX-DV, IX-DVF, IX-SSA



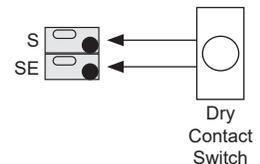
IX-DVM, IX-EA, IX-RS



IX-SS-2G



Terminal Block



Enabling Door Station Option Inputs

Door stations have up to 6 configurable contact inputs, depending on the model, that can be used to trigger an outgoing call or answer an incoming call. Start by switching from **Table View** to **Station View**. Then, from the left-hand side menu, expand **Option Input / Relay Output Settings** and click **Option Input**.

The screenshot shows the following steps:

- Table View** is selected in the top navigation bar.
- Station View** is selected in the left-hand side menu.
- The **Call Settings** menu item is expanded.
- The **Option Input / Relay Output Settings** sub-menu is expanded, and the **Option Input** option is selected.
- The **Select Station to Edit** dialog is shown with 'Type: All' and 'Number: 0003'.
- The **Option Input** configuration page is shown with the following settings:
 - Option Input #: Option Input 1
 - Name: (empty field)
 - Function: Call
 - Type: Make
 - Detection Time Range: 0 (Immediate)

1.1 - Select a Station

Use the drop-down menu to choose the station number of the door station to be configured.

1.2 - Option Input # and Name

Use the drop-down menu to choose the Option Input to configure, and enter a Name in the field below.

1.3 - Function

Choose the function that will be activated by the Option Output. Call, Answer Call or Page, etc.

1.4 - Type

Choose if a Make or Break of the contact will trigger the Option Input.

1.5 - Detection Time

Select contact input detection time. If **200 - 2000msec** or **3 - 600sec** is selected, a box will appear where the specific time is entered.

Click **Update** to save your settings. [Update](#)

Door Station Option Input Call

If the Option Input is being used to place a **Call**, the input Call Method will need to be set and a call destination will need to be selected. Expand **Call Settings** from the left-hand side menu and select **Call Origination**. Use the drop-down menu to choose the station number of the door station to be configured and click **Select**.

The screenshot shows the 'Station View' menu on the left with 'Call Settings' expanded to 'Call Origination'. The main area displays the 'Select Station to Edit' dialog with 'Type: All' and 'Number: 0003'. Below it, the 'Call Origination' settings are shown for 'Option Input 1'. The 'Call Method' is set to 'Standard Destination'. Other settings include 'Ringback Tone: None', 'Call Timeout: 10-600 sec' (set to 60), and 'Ringback Tone Count: Infinite'. The 'Call Destination' is set to '01-99' with an 'Open' button, and the 'Priority' is set to 'Normal'.

2.1 - Select the Option Input Number
Use the drop-down menu to choose the **Option Input #** to configure.

2.2 - Call Customization
Call Method should be set to **Standard Destination**. **Ringback Tone**, **Call Timeout**, and **Ringback Tone Count** may be optionally adjusted.

2.3 - Call Destination and Priority
Use the drop-downs to select the **Call Destination Group** and call **Priority** level.

Group 01 is the default calling Group destination for IX Series door station. Selecting Group 01 means the Option Input call will have the same call destination as the door station's standard call button. If the Option Input call should call a different Group of master stations, a new group should be created.

Do this, scroll up to find **Called Stations for Door/Sub Stations**.

The screenshot shows the 'Called Stations (Door/Sub Stations)' configuration page. It includes a legend: 'U = Unicast, M = Multicast' and instructions for configuring multicast IP addresses and VoIP phone registration. The 'Group Number' is set to 'Group 02'. Below is a table of called stations:

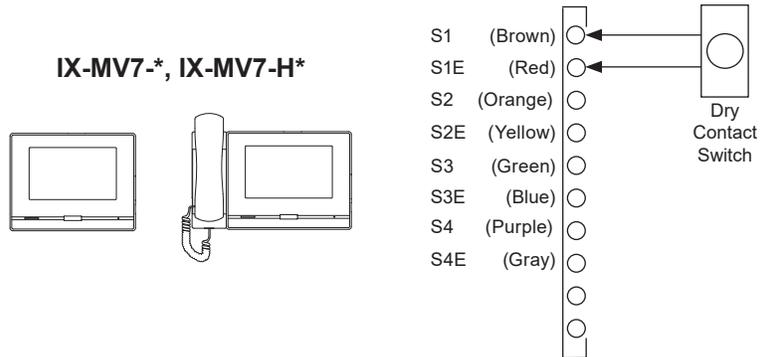
#	Number	Station List	IPv4 Address	IPv6 Address	Station Type	Protocol	Delete
01	0001	Open	192.168.1.10		IX-MV7-*	U	Delete
02		Open					Delete

2.4 - Group Number
Use the drop-down to select a new Group Number to configure.

2.5 - Station Selection
Click **Open** to select a master station to add to the group. Repeat up to 20 times.

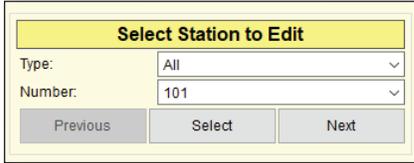
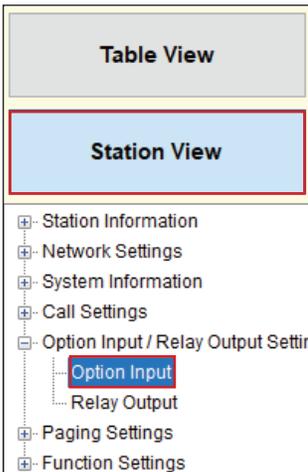
Click **Update** to save your settings.

Master Station Option Inputs

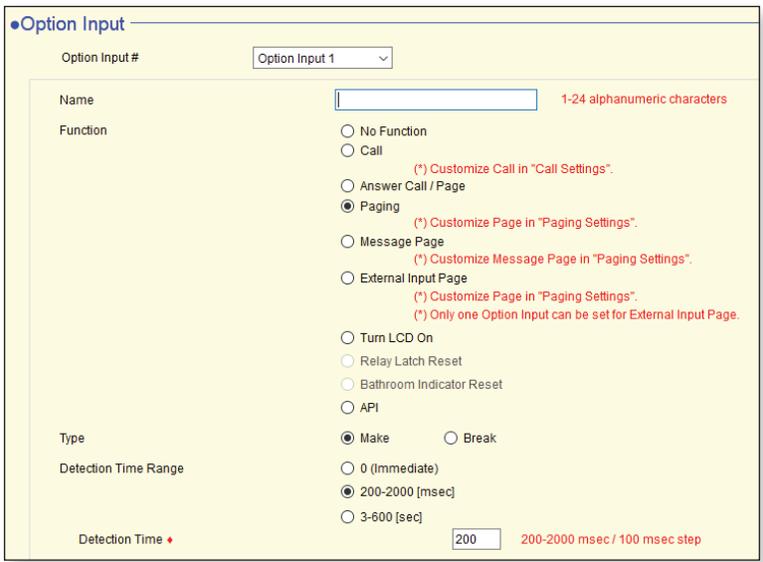


Enabling Master Station Option Inputs

An IX-MV7-* master station has four customizable contact inputs that can be used to trigger an outgoing call, answer an incoming call, trigger several types of pages, and other optional features. Start by switching from **Table View** to **Station View**. Then, expand **Option Input / Relay Output Settings**, and click **Option Input**.



1.1 - Select a Station
Use the drop-down menu to choose the station number of the master station to be configured and click **Select**.



1.2 - Option Input / Name
Select an **Option Input # (Number)** using the drop-down menu and enter a **Name**.

1.3 - Choose a Function
Choose a Function for this Option Input by selecting the radio button next to the function type.

1.4 - Contact Settings
Select contact input detection time. If **200 - 2000msec** or **3 - 600sec** is selected, a box will appear where the specific time is entered.



Answer a Call Hands-free

To use the Option Input to answer an incoming call or page (hands-free answering), select Answer Call / Page, without any further configuration needed.

Click **Update** to save your settings.

Master Option Input Page

If Paging is selected, the master station can page a single Group, or place an All Page, when the Option Input is triggered. Expand **Paging Settings** and click **Option Input Page**.

2.1 - Select a Station
Use the drop-down menu to choose the station number of the master station to be configured and click **Select**.

2.2 - Select an Input
Use the drop-down menu to choose the **Option Input #** to be configured.

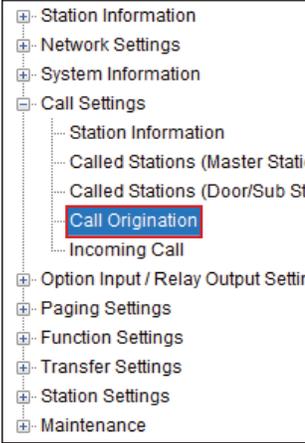
2.3 - Destination
Select All Page or Group. If **Group** is selected, click **Open** and select the **Group** that should receive the page.

2.4 - Select a Priority
Select a **Priority** by clicking the radio button for either **Normal** or **Urgent**.

Click **Update** to save your settings.

Master Station Option Input Call

If **Call** is selected, the master station will call a single group when the Option Input is triggered. A group must be configured under **System Information > Group** to use the Contact Input Call function. Once a group is created, expand **Call Settings** and click **Call Origination**.



Select Station to Edit

Type:

Number:

3.1 - Select a Station

Use the drop-down menu to choose the station number of the master station to be configured and click **Select**.

•Call Origination

Call Button / Option Input #

Call Method

Standard Destination

Change Destination by Time Delay

Change Destination by Schedule

Ringback Tone

Call Timeout sec

Ringback Tone Count [time(s)]

Call Destination

Call Destination Priority

3.2 - Select an Input

Use the drop-down menu to choose the **Option Input #** to be configured.

3.3 - Destination

Click **Open** and select the **Group** that should receive the call.

3.4 - Select a Priority

Select a **Priority** by clicking the radio button for either **Normal** or **Urgent**.

Click **Update** to save your settings.

Note:

When setting a master station's Option Input to call a group of door stations, the door station's call button will need to be set to answer and end the call. Find this setting under **Call Settings > Station Information**.

Master Option Input Message Page

If **Message Page** is selected, the master station can send a sound or chime to a single **Group**. A group must be configured under **System Information > Group** to use the Contact Input Message Page function. Once a group is created, expand **Paging Settings** and click **Option Input Page**.

- Station Information
- Network Settings
- System Information
- Call Settings
- Option Input / Relay Output Settings
- Paging Settings
 - Paging Origination
 - All Page
 - Option Input Page**
- Function Settings
- Transfer Settings

Select Station to Edit

Type:

Number:

4.1 - Select a Station

Use the drop-down menu to choose the station number of the master station to be configured and click **Select**.

Option Input Page

To configure an Option Input Page, "Page", "Message Page", or "External Input Page" must be selected in Option Input settings.

Option Input #

Destination:
 All Page
 Group

01-99

Priority:
 Normal
 Urgent

Message File Name:

Play Count [time(s)]:

4.2 - Select an Input

Use the drop-down menu to choose the **Option Input #** to be configured.

4.3 - Destination and Priority

Click **Open** and select the **Group** that should receive the page, or select **All Page**, then select a **Priority**.

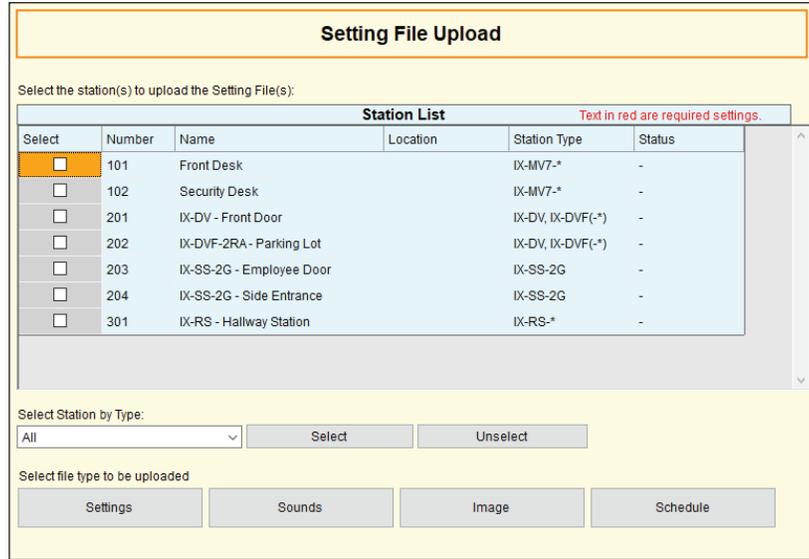
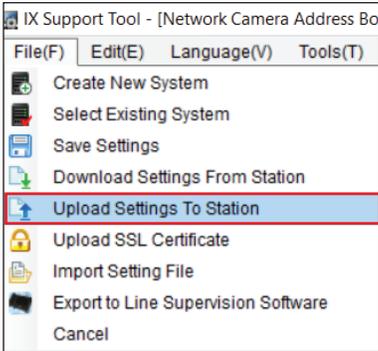
4.6 - Select a Message

Use the **Message File Name** drop-down to select a sound or chime to play. Finally, select the number of times to play the sound with **Play Count [Times]**.

Click **Update** to save your settings.

Uploading Settings to Stations

The final step is to upload all of the saved settings from Support Tool to each station. From the top menu bar select **File** then **Upload Settings To Station**



Select Stations
Click **Select** to check all stations in the system.

Upload Settings
Click **Settings** to begin the upload process.

Confirm Status
Using the **Status** column confirm, that each station has received its setting file.