

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

Table of Contents

Page 1	Door Station Option Inputs
Page 1	Enabling Door Station Option Inputs
Page 2	Door Station Input Call - Set the Option Input to place a call from the door station
Page 2	Door Station Answer Call / Page - Set the Option Input to answer a call or page
Page 3	Master Station Option Inputs
Page 3	Enabling Master Station Option Inputs - Create a group of stations to page to
Page 4	Master Option Input Answer Call / Page - Set the Option Input to answer a call or page
Page 4	Master Option Input Page
Page 5	Master Option Input Call - Set the Option Input to place a Call
Page 6	Master Option Input Message Page - Set the Option Input to send a message page.
Page 7	Upload Settings to Stations (Required)











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**.

	Se	lect Station to	Edit		1.1 - Select a Station
Station View	Type: [Number: [Previous	All 0003 Select	✓ ✓ Next		Use the drop-down menu to choose the station number of the door station to be configured.
Station Information	Option Input				1.2 - Option Input # and Name
Network Settings System Information Call Settings Option Input / Relay Output Settin Option Input /	Option Input	#	Option Input 1 ~	When using IX-DVF-2RA or IX-DVF-R	Use the drop-down menu to choose the Option Input to configure, and enter a Name in the field below.
Relay Output ⊕ Paging Settings	Function		◯ No Fu ◉ Call	unction	1.3 - Function
			O Answ Pagir Mess Exter	(*) Customize Call in Call Settings . er Call / Page (*) Customize Page in "Paging Setti iage Page (*) Customize Message Page in "Pa nal Input Page	Choose the function that will be activated by the Option Output. Call, Answer Call or Page, etc.
				(*) Customize Page in "Paging Setti (*) Only one Option Input can be set	1.4 - Туре
			O Turn O Relay O Bathr O API	LCD On / Latch Reset oom Indicator Reset	Chose if a Make or Break of the contact will trigger the Option Input.
	Туре		Make	e O Break	
	Detection Ti	me Range	0 (Im	mediate)	1.5 - Detection Time
			○ 200-2 ○ 3-600	2000 [msec]) [sec]	Select contact input detection time. If 200 - 2000msec or 3 - 600sec is selected, a box will appear where the specific time is entered.

⇒ Updat

Click Update to

save your settings.

CAIPHONE

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**.

T 11 16	S	elect Station to Ed	it	
I able View	Туре:	All	~	
	Number:	0003	~	
Station View	Previous	Select	Next	
Station Information Network Settings System Information		ation	Option Input 1	~
Call Settings Station Information Called Stations (Master Static Called Stations (Door/Sub St Call Origination Incoming Call	Call Method		 Standard Destination Change Destination by Time D Change Destination by Schedu 	Delay ule
	Ringbac	k Tone 🛓	None	~
	Call Time Ringbac	eout ♦ ≜ k Tone Count [time(s)] ≜	10-600 sec	✓ 60 sec
	Call Des	tination	Call Destination 01-99 Open	Priority
	Standard	d Mode Settings	Call Destination	Priority Normal V

2.1 - Select the Option Input Number	2.2 - Call Customization	2.3 - Call Destination and Priority
Use the drop-down menu to choose the Option Input # to configure.	Call Method should be set to Standard Destination . Ringback Tone , Call Timeout , and Ringback Tone Count may be optionally adjusted.	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. <u>Selecting Group 01 means the Option Input call</u> 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.

 Cal 	Called Stations (Door/Sub Stations) U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s). To register a VoIP Phone, go to Network Settings -> SIP and enter the IP address of the SIP Primary Server. Only one VoIP Phone can be set per group.								_	2.4 - Group Number	
U = If de To r	U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s). To register a VoIP Phone, go to Network Settings -> SIP and enter the IP address of the SIP Primary Server. Only one VoIP Phone, can be set ner croup.									Use the drop-down to select a new Group Number to configure.	
Onl	U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s). To register a VoIP Phone, go to Network Settings -> SIP and enter the IP address of the SIP Primary Server. Only one VoIP Phone can be set per group. Group Number Group 02 VoIP Phone Registration # Number Station List IPv4 Address IPv6 Address Station Type Protocol Delete										
										2.5 - Station Selection	
	Group Number Group 02 VolP Phone Registration							Click Open to select a master station to act to the group. Repeat up to 20 times.	ld		
	#	Number	Station List	IPv4 Address	IPv6 Address	Station Type	Protocol	Delete	^		
	Called Stations (Door/Sub Stations) U = Unicast, M = Multicast If designating "M", multicast IP addresses must be configured for the station(s). To register a VoIP Phone, go to Network Settings -> SIP and enter the IP address of the SIP Primary Server. Only one VoIP Phone can be set per group. Group Number Group 02 VoIP Phone Registration # Number Station List IPv4 Address IPv6 Address Station Type Protocol Delete 01 0001 Open 192.168.1.10 IX-MV7-* U Delete					Delete					
	02		Open					Delete		Click Update to save your settings.	



APPLICATION NOTE

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**.



1.2 - 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.

Option Input	
Option Input #	Option Input 1
Name	
Function	O No Function O Call
	(*) Customize Call in "Call Settings". (*) Answer Call / Page



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**.

Table View	Sel	ect Station to E	Edit		2.1 - Select a Station			
	Type:	All		~	Use the drop-down menu to choose the			
Station View	Previous	Select	Next		station number of the master station to be configured and click Select.			
Station Information Network Settings System Information Call Settings	•Option Input P To configure an Option I Option Input #	age Input Page, "Page", "Mes Or	sage Page", or ' tion Input 1	External Input P	'age" must be selected in Option Input settings.			
⊕. Option Input / Relay Output Settir □. Paging Settings	Destination	۲	All Page	O Group	Open 01-99			
Paging Origination	Priority	۲	Normal	 Urgent 				
All Page	Message File N	Name No	ne					
■ Option Input Page ■ Function Settings	Play Count [tim	ne(s)] 1		~				

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**.

Station Information	Soloot Station to Edit	3.1 - Select a Station
System Information	lype: All	Use the drop-down menu to choose the
⊑- Call Settings	Number: 101	station number of the master station to be
- Station Information	Previous Select Next	configured and click Select .
Called Stations (Master Stati		
Called Stations (Door/Sub St		
Call Origination		
Incoming Call	Call Origination	
Option Input / Relay Output Settin	Call Button / Ontion Input #	Ontion Input 1
Paging Settings	Call Dation + Option inpat #	
Eunction Settings	Call Method	Standard Destination
Transfer Settings		Change Destination by Time Delay
Station Settings		Change Destination by Schedule
Maintananaa		Onlinge Destination by Schedule
	Ringback Tone 🔺	Call Pattern 4 ~
	Call Timeout	10 600 000
		10-000 sec. V 80 Set
	Ringback Tone Count [time(s)] 🖕	Infinite
	Ooll Destination	Onli Destination 04.00 Drivity
	Cail Destination	Call Destination 01-99 Priority
		Normal V

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	Select Station to Ed	it 4.1 - Select a Station
Vetwork Settings System Information Call Settings Option Input / Relay Output Settir	Type: All Number: 101 Previous Select	Use the drop-down menu to choose the station number of the master station to be configured and click Select .
Paging Settings Paging Origination All Page	Option Input Page To configure an Option Input Page, "Page", "	Message Page", or "External Input Page" must be selected in Option Input settings.
Transfer Settings	Option Input #	Option Input 1
	Destination Priority Message File Name Play Count [time(s)]	All Page Group Open Open Others Open Others Others

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**

IX Support Tool - [Network Camera Address Bo			Setti	ing File Uploa	ad		
File(F) Edit(E) Language(V) Tools(T)				5 1			
Create New System	Select the st	ation(s) to up	load the Setting File(s):				
Select Existing System				Station List	Text in	red are required settings	
Save Settings	Select	Number	Name	Location	Station Type	Status	^
Download Settings From Station		101	Front Desk		IX-MV7-*	-	
Upload Settings To Station		102	Security Desk		IX-MV7-*	-	
		201	IX-DV - Front Door		IX-DV, IX-DVF(-*)	-	
Import Softing File		202	IX-DVF-2RA- Parking Lot		IX-DV, IX-DVF(-*) -		
		203	IX-SS-2G - Side Entrance		IX-SS-2G		
Export to Line Supervision Software		301	IX-RS - Hallway Station		IX-RS-*	-	
Cancel]	
							~
	Coloct Statio	n hu Tuno:					
	All	n by Type:	✓ Select	U	Inselect		
	Select file ty	pe to be uploa	aded				
	:	Settings	Sounds	In	nage	Schedule	
Select Stations Upload Settings Confi							

Click Select to check all stations in the system.

Click Settings to begin the upload process.

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