

IXG SERIES APPLICATION NOTE

SIF Signaling with Legacy Door Stations

Introduction

Legacy IX-DA and IX-BA door stations can be programmed for SIF signaling, which allows them to unlock doors connected to IXW-MA and IXW-MAA multi-purpose adaptors. Doing so requires different steps than more current stations.



Door Station Settings

The door stations will need to be configured to send SIF settings to the adaptors. Open IXG Support Tool and navigate to **Function Settings**, <u>SIF</u>.

Function Settings
···· Door Release
Door Release QR Code Settings
Automatic Entry
Network Camera Integration
···· Paging
Bathroom Call
Email
CGI
- SIF
Recording

Legacy door stations can be identified because most of the SIF settings will be grayed out. Set the SIF Functionality on the door stations to Enable and click **Save**.

			Function Setting	ļs					
			SIF						
Building Nu	Unit Number	Station Name			No.01				
			SIF Functionalit	SIP URI Format	SIF Settings				
					Program Type	IPv4	IPv6		
01	1002	Guard Station1	Disable	Disable					
01	1003	Master Station1	Disable	Disable					
01	1003	Video Door Station1	Enable 💙						

Open a simple text editor, such as Notepad. On a single line, enter the following information: **0100,IXW-MA IP Address,65014,1.**



Door Station Settings (continued)

Save the text file as SIF.ini using ANSI encoding. Note that the .ini extension must be added manually.

Save As		×
← → ✓ ↑ 📜 > This PC > Desktop > SIF	V O Search SIF	Q
Organize 🔻 New folder		?
 Documents A Name Pictures A IXG multi button IXG QSG Screens IXG Transfer to A Pre-Release Firm 	Date modified Type ms match your search.	Size
OneDrive File name: SIF.ini Save as type: Text Documents (*.txt) Hide Folders Encoding: ANSI	✓ Save Cancel	> ~ ~

Navigate back to IXG Support Tool. Go to Function Settings, SIF. Towards the top of the page, click Upload SIF File.

[Related Settings]	
Upload SIF File	Download SIF File

Select SIF Communication Settings (sif.ini). Click Browse and select the SIF.ini file created in the previous step. Select all door stations that need the SIF file, and click Start Upload

Se <mark>lect fil</mark> () (le(s) to uplo SIF Commu SIF Parame	ad Inication Settings (sif.i ter Settings (sif_conf.i	ni) ni)		Uploa	Id SIF F	ile		Only IX-DA and IX- BA need a SIF file uploaded to them. Other stations will fai to recieve the file.
	duon(s) by	ypc.				Brovise			
					Stati	on Lis.	Required settings.		
Select	Station Nu	Station Name	Unit Type	Station Type	Status			^	
	00012999	Gateway Adaptor1		IXGW-GW	-				
	0010	Video Door Station1		IX-DA, IX-DB	-				
	0020	Master Station1		IX-MV7-*	-				
	0030	Master Station1		IX-MV7-*	-				
	0040	Master Station1		IX-MV7-*	-				
	0050	Guard Station1		IXG-MK	-				
	0060	Entrance Station1		IXG-DM7(-*)	-				
	0070	Tenant Station1		IXG-2C7(-*)	-			~	
Select S All	tation by Ty	pe. ✓	S	elect		Unselect	Start Upload		

Multi-Purpose Adaptor Settings

To configure the IXW-MA or IXW-MAA to receive contacts from the door station, navigate to **Option Input / Relay Output Settings**, <u>Relay Output</u>. Relay Output 1 will be displayed by default. The **Display settings** menu can be used to switch to other relay outputs.

-	Option Input / Relay Output Settings
	Option Input
	Relay Output

[Display settings]	
Relay Output 1	\sim
Relay Output 1	
Relay Output 2	
Relay Output 3	
Relay Output 4	
Relay Output 5	
Relay Output 6	
Relay Output 7	
Relay Output 8	
Relay Output 9	
Relay Output 10	

For each programmed output, set the **Function** on the IXW-MA to Contact Change SIF Event. Each output can only be assigned to a single station.

			Option Input	/ Relay Output Settings
			Relay Outpu	ıt
Building Nu	Unit Number	Station Name	Relay Outpu	t 1
			Name	Function
01	1001	Tenant Station1		No Function
01	1002	Guard Station1		Door Release
01	1003	Master Station1		Door Release
01	1003	Video Door Station1		Door Release
01	1004	Video Door Station1		Door Release
01	1004	Video Door Station2		Door Release
		I/O Adaptor1		Contact Change SIF Even 🜱

Scroll right to the **Contact Change SIF Event** column. Click **Select Station** to display a list of stations. Select the signaling station and click **OK**. Click **Save**. Repeat these steps for each output to be programmed. Then, upload settings to all stations to complete the process.

Relay Out	put 1	IXG S	upport Tool -	[Select Station]				×
Contact Cl	nange SIF Event				Select	Station		
Station Nu	Select Station	Select	Station					
	Select Station	Selec	Building Nu	Unit Number	Station Nu	List Station Name	Station Type	^
	Select Station	۲	01	100	1000	Entrance Station1	IXG-DM7(-*)	
	Select Station	0	01	101	1010	Master Station1	IX-MV7-*	
		0	01	102	1020	Guard Station1	IXG-MK	
	Select Station	0	01	104	00013999	I/O Adaptor1	IX-DA, IX-DB	
	Select Station							
	Select Station							
	Select Station	<						>

For more details about the features and information above, please contact Technical Support. Aiphone Corporation | <u>www.aiphone.com</u> | (800) 692-0200