

Sending CGI Commands to IX|IXG Series Stations

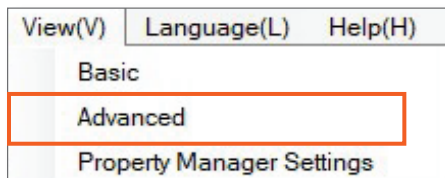
Introduction

IX|IXG Series Stations are able to respond to certain CGI commands. This guide shows how to enable CGI functionality on the stations and goes over compatible CGI commands.

In order to use CGI commands, the stations must be updated to firmware version 3.0 or higher.

Enabling CGI Functionality on Stations

Open IXG Support Tool. On the top menu, click **View**, and select *Advanced*.



Navigate to **Function, CGI** on the left menu. Set the **CGI Functionality** column to Enable for all stations that will receive CGI commands. Click **Save** in the top left corner. Navigate to **Connection(S), Upload Settings** to apply the CGI settings to all stations.

Building Nu	Unit Number	Station Name	Function Settings
			CGI
			CGI Functionality
01	100	Video Door Station1	Enable
01	200	Master Station1	Enable
01	201	Master Station1	Disable
01	202	Master Station1	Disable
01	203	Master Station1	Disable

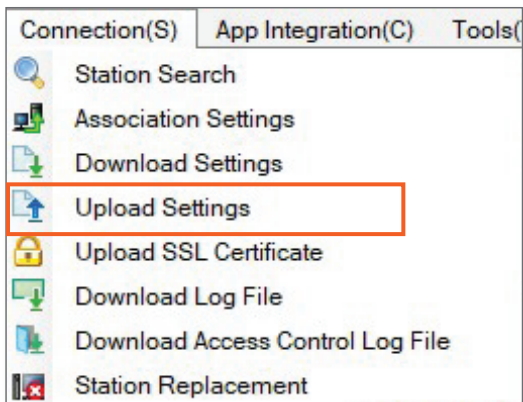
To write CGI commands, the stations administrator credentials need to be known. Navigate to **Station Information, ID / Password** on the left menu. Set a user ID and password for each station that will receive CGI commands, and record these credentials for later. Click **Save**.

Building Nu	Unit Number	Station Name	ID / Password			
			ID(Administrator)	Password(Admin)	User ID	User Password
01	100	Video Door Station1	aiphone	*****	aiphone1	aiphone1
01	200	Master Station1	aiphone	*****		



Enabling CGI Functionality on Stations

Navigate to **Connection(S)**, *Upload Settings* on the top menu. Select the adjusted stations and click **Settings** to apply the CGI settings.



Setting File Upload

Select the station(s) to upload the Setting File(s):

Station List					
Select	Building Nu	Unit Number	Station Name	Station Type	Status
<input checked="" type="checkbox"/>	01	100	Video Door Station1	IX-DV,IX-DVF(-*)	-
<input type="checkbox"/>	01	200	Master Station1	IX-MV7-*	-
<input type="checkbox"/>	01	201	Master Station1	IX-MV7-*	-
<input type="checkbox"/>	01	202	Master Station1	IX-MV7-*	-
<input type="checkbox"/>	01	203	Master Station1	IX-MV7-*	-

Select Station by Type.

All

Select

Unselect

Select file type to be uploaded.

Settings

Sounds

Images

Schedules

CGI Functions



All CGI commands are case sensitive.

Relay Control

Function Name	SetContact.cgi
Function	Change the state of a contact input or output on the station.
Method	https://<IP address>/SetContact.cgi?ID=<value>&PW=<value>&Kind=<value>&ContactNo=<value>&Status=<value>
Supported Devices	Answering station, door or entrance station, IP relay adaptor.
Compatible Station Firmware	3.00 or higher.
Arguments	ID: Administrator ID or General User ID PW: Administrator or General User Password Kind: Input or Output ContactNo: Contact number Status: Make or Break
Example	https://192.168.1.160/SetContact.cgi?ID=aiphone&PW=aiphone&Kind=Input&ContactNo=1&Status=Make
Return messages	24: Duplicate CGI not executable 21: ID/PW Mismatch 22: Argument error 1: Processing Error 25: Station starting up or CGI not enabled.

Station Restart

Function Name	Restart.cgi
Function	Reboot the station.
Method	https://<IP address>/Restart.cgi?ID=<value>&PW=<value>
Supported Devices	Answering station, door or entrance station, IP relay adaptor.
Compatible Station Firmware	3.00 or higher.
Arguments	ID: Administrator ID or General User ID PW: Administrator or General User Password
Example	https://192.168.1.160/Restart.cgi?ID=aiphone&PW=aiphone
Return messages	24: Duplicate CGI not executable 21: ID/PW Mismatch 22: Argument error 1: Processing Error 25: Station starting up or CGI not enabled.

Screenshot Camera Image

Function Name	GetCamPicture.cgi
Feature	Outputs a still image from a camera as a jpeg.
Method	https://<IP address>/GetCamPicture.cgi?ID=<value>&PW=<value>[&Quality=<value>][&Size=<value>]
Supported Devices	Any IX IXG station with a camera.
Compatible Station Firmware	3.00 or higher.
Arguments	ID: Administrator ID or General User ID PW: Administrator or General User Password Quality: 1-10 (7 used if omitted) Size: (HD: 1280x720 or VGA640x480)
Example	https://192.168.1.160/GetCamPicture.cgi?ID=admin&PW=admin&Quality=Excellent&Size=VGA
Return messages	24: Duplicate CGI not executable 21: ID/PW Mismatch 22: Argument error 1: Processing Error 25: Station starting up or CGI not enabled

Call Up

Function Name	CallUP.cgi
Feature	Places a call to the default call group.
Method	https://<IP address>/CallUP.cgi?ID=<value>&PW=<value>[&Kind=<value>]
Supported Devices	Answering station, door or entrance station.
Compatible Station Firmware	3.00 or higher.
Arguments	ID: Administrator ID or General User ID PW: Administrator or General User Password Kind: Normal, Priority, Urgent
Example	https://192.168.1.160/CallUP.cgi?ID=admin&PW=admin&Kind=Normal
Return messages	24: Duplicate CGI not executable 21: ID/PW Mismatch 22: Argument error 1: Processing Error 25: Station starting up or CGI not enabled.

Start Paging

Function Name	PagingStart.cgi
Function	Initiate a page.
Method	https://<IP address>/PagingStart.cgi?ID=<value>&PW=<value>&Mode=<value>&GroupID=<value>&Kind=<value>&[FileNo=<value>&FileName=<value>&Count=<value>]
Supported Devices	Answering station.
Compatible Station Firmware	3.00 or higher.
Arguments	<p>ID: Administrator ID or General User ID PW: Administrator or General User Password Mode: Normal or Msg GroupID: IX Group or IXG Building Number Kind: Normal or Urgent FileNo: -1: Call Pattern 1 -2: Call Pattern 2 -3: Call Pattern 3 -4: Call Pattern 4 -5: Call Pattern 5 -6: Call Pattern 6 -7: Tremolo Sound -8: Talking Sound -9: On-hold tone -10: Operation Sound -11: Error Sound -12: Custom Sound Source -13: Pretone 1 -14: Pretone 2 -15: Pretone 3 -16: End warning sound -17: Incoming call notification sound -18: Answer standby tone</p> <p>FileName: Registered custom sound file name. Count: Message paging file replay count (1-20)</p>
Example	<p>Normal Paging: https://192.168.1.160/PagingStart.cgi?ID=admin&PW=admin&Mode=Normal&GroupID=01&Kind=Normal</p> <p>Message Paging: https://192.168.1.160/PagingStart.cgi?ID=admin&PW=admin&Mode=Msg&GroupID=01&Kind=Normal&FileNo=12&FileName=Sample.wav&Count=1</p>
Return messages	24: Duplicate CGI not executable 21: ID/PW Mismatch 22: Argument error 1: Processing Error 25: Station starting up or CGI not enabled.

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