IX-DVF-4
IX Series Video Door Station with 4 Call Buttons

-INSTALLATION AND PROGRAMMING GUIDE-

The IX-DVF-4 is an IX Series video door station with 4 call buttons for selective calling to IX-MV7 or IX-MV master stations. The IX-DVF-4 will connect to a network switch, and the call buttons are connected to the first 4 contact inputs on the station. These inputs will be programmed to selectively call different master stations, or groups of master stations.

NAMES & FUNCTIONS:

1. Camera
2. Microphone
3. White LED for night viewing
4. Speaker
5. Call buttons with integrated name placard

FEATURES:

- IP video door station
- 4 call buttons for selective calling to master stations
- 4 name placards
- Stainless steel faceplate with tamper resistant screws

PACKAGE CONTENTS:

- IX-DVF-4
- 4 Call Button Door Station
- Security Driver
- Blank name placard x4
- Flush backbox & tamper resistant screws

INSTALLATION:

- For flush mounting, cut a hole in the wall and use the supplied back box. Box dimensions are: 10-1/2" H x 5-13/16" W x 2-3/8" D
- For surface mounting, use the SBX-IDVFRA surface mount box. This box can mount to a standard 1 gang box or to any flat surface.

Note:
When installing the IX-DVF-4 in the supplied back box, the call button assembly may come loose. Push call button assembly back in to position as necessary.
WIRING DIAGRAM:

SPECIFICATIONS:

Camera unit: 1/3" color CMOS 1.2 megapixel
Min. illumination: 5 Lux
Terminations: RJ45
Operating Temp: -40° ~ 140°F / -40° ~ 60°C
Wiring Distance: 328' with CAT-5e/6 cable to switch
Dimensions: 11-11/16" H x 7" W
w/SBX-IDVFRA: 11-11/16" H x 7" W x 3-5/16" D (top), 2-5/16" D (bottom)

FCC WARNING:
This device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.
   • For proper regulatory compliance, the drain wire should be disconnected at the power supply end of the cable.
   • Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Programming

This programming guide will cover how to program an IX-DVF-4 door station and four IX-MV7 master stations. The call buttons on the IX-DVF-4 are wired to the first 4 contact inputs on the station for placing selective calls. The door station and the associated IX-MV7 master stations will need to be programmed using IX Support Tool.
Support Tool: Create New System - Step 1

Open the IX Support Tool and click **File, Create New System**.

**Step 1A**
Enter a System Name

**Step 1B**
Select the No radio button under Wizard Programming

**Step 1C**
Enter station quantities

**Step 1D**
Click Finish

Support Tool: Station Identification - Step 2

Support Tool will open in Table View to **Station Information, Identification**.

**Step 2A**
Enter a unique Number and Name for each station.

**Step 2B**
Click Update to save changes.

Support Tool: IP Address - Step 3 (Table View)

IP Addresses can be entered manually for each station or can be assigned in a batch. This guide will show how to assign via batch configuration.

**Step 3A**
Under Network Settings, Click IP Address

**Step 3B**
Click Batch IP Address Configuration
Support Tool: IP Address - Step 3 (continued)

**Support Tool:**

**Step 3C**
Enter a starting IP address and subnet mask

**Step 3D**
Check the box beside each station or click the Select button

**Step 3E**
Click Ok in the Batch IP Address window then click Ok when the Pop-up appears

**Note:**
The IP Address for each station should be populated

---

Support Tool: Station Association - Step 4

The station name and IP address that were assigned in the previous steps will now need to be associated to each station in the system before any call settings can be uploaded. From the top menu bar, click **Tools(T)**, then click **Association Settings**.
The first list (Station Settings List) will populate with the information based on what was entered in steps 1-3. The second list (Station List) will show what IX Support Tool found when it searched the network.

**Step 4A**
Select the radio button for the first master in the Station Settings List and select the radio button for the first master in the Station List.

**Step 4B**
Click Apply

**Step 4C**
A pop-up will state that the selected association will be applied and ask if you wish to continue. Click Ok.

The selected station will now restart with the IP address and station name assigned. Return to step 4A and repeat the process for the other stations ensuring that the same Station Type is being selected from each list. When done, scroll to the bottom of the page to see the 3rd list (Associated Stations List). This shows which IP Address was associated to which MAC Address.
Support Tool: Option Input Function - Step 5 (Station View)

The IX-DVF-4 has 6 Option Inputs. The 4 call buttons are wired to the first 4 Option Inputs. These inputs will need to be programmed to place a call. Switch to station view by clicking the **Station View** button.

**Step 5A**
Under Option Input/Relay Output Settings, click Option Input.

**Step 5B**
Use the Number drop down under Select Station to Edit and choose the door station. Click Select and ensure that the door station is shown in upper left of the screen.

**Step 5C**
Use the drop down and select Option Input 1. Click the Call radio button.

**Step 5D**
Click Update to save changes.

**IMPORTANT:**
Repeat process for Option Input 2, 3, & 4.
The Option Inputs on the door station can be programmed to call groups. The groups will need to be created before the inputs can be assigned.

**Support Tool: Creating Door Station Groups - Step 6 (Station View)**

Under Call Settings, click Called Stations (Door/Sub).

**Step 6A**
Under Call Settings, click Called Stations (Door/Sub).

**Step 6B**
Delete stations 2, 3, & 4 from Group 01 by clicking the appropriate delete buttons.

**Step 6C**
Use the drop down to select Group 01.

**Step 6D**
Delete stations 2, 3, & 4 from Group 01 by clicking the appropriate delete buttons.

**Step 6E**
Use the drop down to select Group 02.

**Step 6F**
Repeat 6D & 6E to assign Tenant 3 to Group 03 and Tenant 4 to Group 04.

**Step 6G**
Click Update to save changes.
Support Tool: Assigning Groups - Step 7 (Station View)

Assign the groups created in step 6 to the option inputs.

**Step 7A**
Under Call Settings, click Call Origination.

**Step 7B**
Ensure that you are still viewing the door station.

**Step 7C**
Use the Call Button/Option Input # drop down and select Option Input 1.

**Step 7D**
Repeat 7B & 7C to assign Option Input 2 to Group 02, Option Input 3 to Group 03, Option Input 4 to Group 04.

**Step 7E**
Click Update to save changes.

Support Tool: Upload Settings to Stations - Step 8

**Step 8A**
Click File, Upload Settings to Station.

**Step 8B**
Check the box beside each station then click Settings under “Select file type to be uploaded.”

**Step 8C**
You will be asked if you want to continue. Click OK.

**Step 8D**
“Success” or “Failed” will display in the Status column. If a station displays Failed, select just that station and try the upload again.