

# IXW-HWCBP

## Hand Wave Call Button and Surface Mount Box

### - Instructions -

IXW-HWCBP includes a touchless switch attached to a mounting plate, a PS-POE, and the SBX-2G/A surface mount box. This device can be connected to any IX Series door station with a trigger input and a PoE passthrough. It will place calls to the programmed station without having to touch the call button. The touchless switch is powered by the PS-POE. The switch's contact output will trigger a contact input on the door station. The contact input will need to be programmed and assigned to a calling group. This instruction manual will show how to connect the IXW-HWCBP to the door station and program the door station for contact input calling.

### Wiring

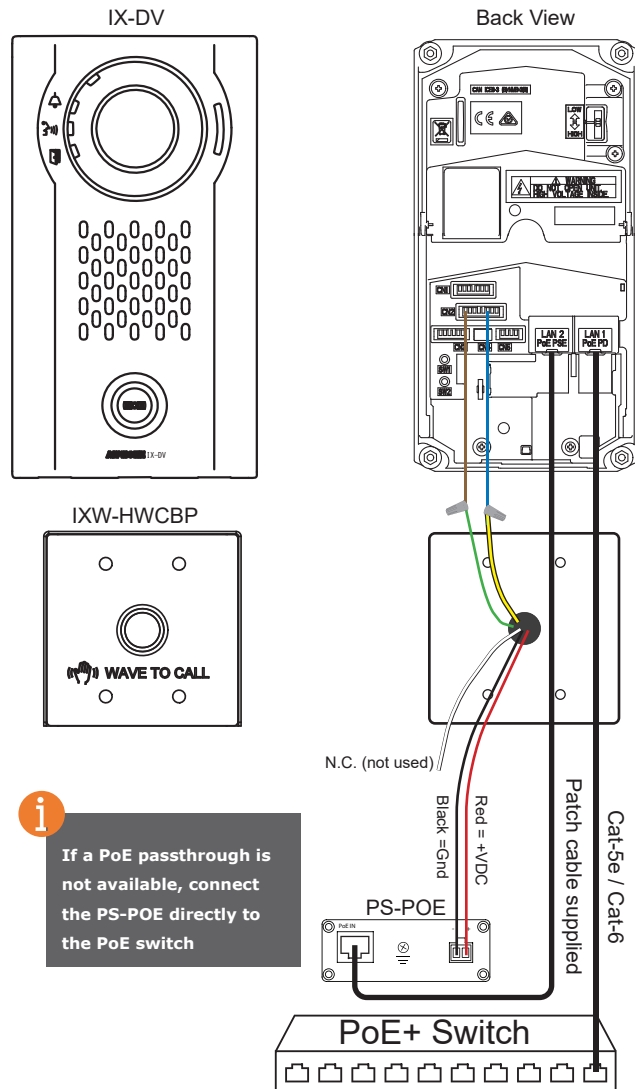
A PoE+ switch is required when using the IXW-HWCBP. Connect a network cable from the PoE+ switch to LAN 1 of the IX Series door station. LAN 2 connects to the included PS-POE. Connect the power output of the PS-POE to the red (+VDC) and black (Gnd) wires of the touchless switch. Connect the green (N/O) and yellow (Common) wires of the touchless switch to contact input 1 on the IX Series door station (brown/blue wires on CN2).

### Package Contents

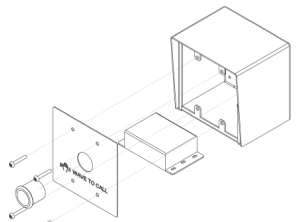
- Qty 1 Panel with touchless switch
- Qty 1 SBX-2G/A
- Qty 1 PS-POE
- Qty 4 speed nuts for panel mounting
- Qty 4 screws for panel mounting
- Qty 1 three-foot patch cable

### Installation

1. Secure SBX-2G/A to wall
2. Connect included patch cable, power wires, and a ground wire to PS-POE and place unit inside the SBX-2G/A
3. Connect included patch cable to LAN 2 of IX series door station
3. Connect touchless switch to input of IX series door station and PS-POE
  - Green (N.O.) to Brown (CN2 of IX-DV)
  - Yellow (Common) to Blue (CN2 of IX-DV)
  - White (N.C.) not used
  - Red (+VDC) to + of PS-POE
  - Black (GND) to - of PS-POE
4. Secure switch panel to SBX-2G/A



**i** If a PoE passthrough is not available, connect the PS-POE directly to the PoE switch



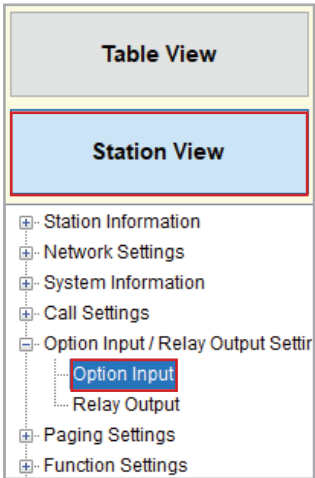
### Specifications

Dimensions: 4-<sup>13</sup>/<sub>16</sub>" H x 4-<sup>7</sup>/<sub>8</sub>" W x 4" D

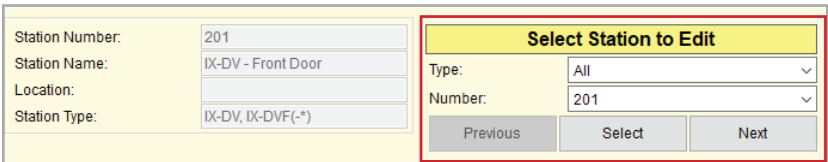
# Programming

## Enabling Door Station Option Input

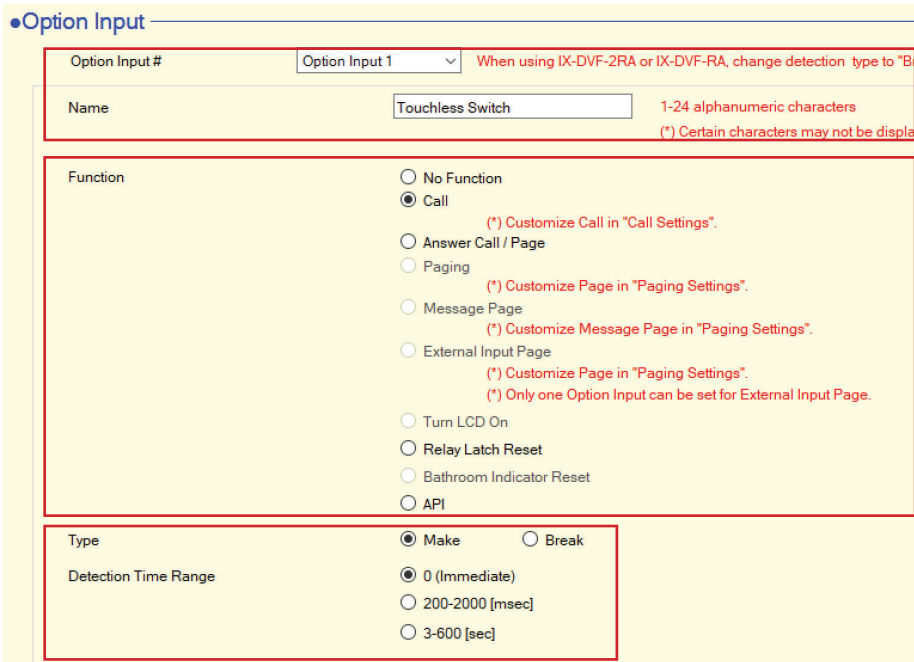
The first step is to enable the contact input on the IX Series door station will connect to the IXW-HWCBP. Open IX Support Tool and select the system to edit. Door stations can have up to 6 contact inputs. These instructions will show using contact input 1. In the upper left corner of the screen click **Station View** to switch from **Table View** to **Station View**.



**1.1 - Option Input**  
Expand **Option Input / Relay Output Settings** and click **Option Input**.



**1.2 - Select a Station**  
Use the drop-down menu or click **Next** to choose the station number of the door station to be configured. Click **Select**.



**1.3 - Option Input / Name**  
Select **Option Input 1** using the drop-down menu and assign a **Name**.

**1.4 - Choose a Function**  
Select **Call** for this option input.

**1.5 - Contact Settings**  
Select **Make** for the **Type** and **0 (Immediate)** for the **Detection Time Range**.

Click **Update** to save your settings.

## Door Station Option Input Call

The next step is to assign a call group to the trigger input. The call group for the trigger input, will be the same group assigned to the call button.

- Station Information
- Network Settings
- System Information
- Call Settings
  - Station Information
  - Called Stations (Master Stati
  - Called Stations (Door/Sub St
  - Call Origination**
  - Incoming Call
- Option Input / Relay Output Settir
- Paging Settings
- Function Settings
- Transfer Settings
- Station Settings
- Maintenance

**2.1 - Call Origination**  
Expand **Call Settings** and click **Call Origination**.

Station Number:	201	<div style="background-color: #ffffcc; padding: 5px;"> <p align="center"><b>Select Station to Edit</b></p> <p>Type: <input type="text" value="All"/></p> <p>Number: <input type="text" value="201"/></p> <p align="center"> <input type="button" value="Previous"/> <input type="button" value="Select"/> <input type="button" value="Next"/> </p> </div>
Station Name:	IX-DV - Front Door	
Location:		
Station Type:	IX-DV, IX-DVF(-*)	

**2.2 - Select a Station**  
Use the drop-down menu to choose the station number of the door 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 <span style="color: red;">01-99</span>	Priority
	<input type="button" value="Open"/>	<input type="text" value=""/>
Standard Mode Settings	Call Destination <input type="text" value="01"/>	Priority <input type="text" value="Normal"/>

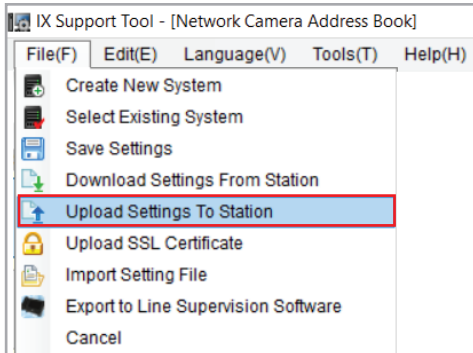
**2.3 - Select an Input**  
Use the drop-down menu and select **Option Input 1**.

**2.4 - Select a Destination**  
Click **Open** under **Call Destination** and select group **01**. Use the **Priority** drop-down menu to select the calling priority.

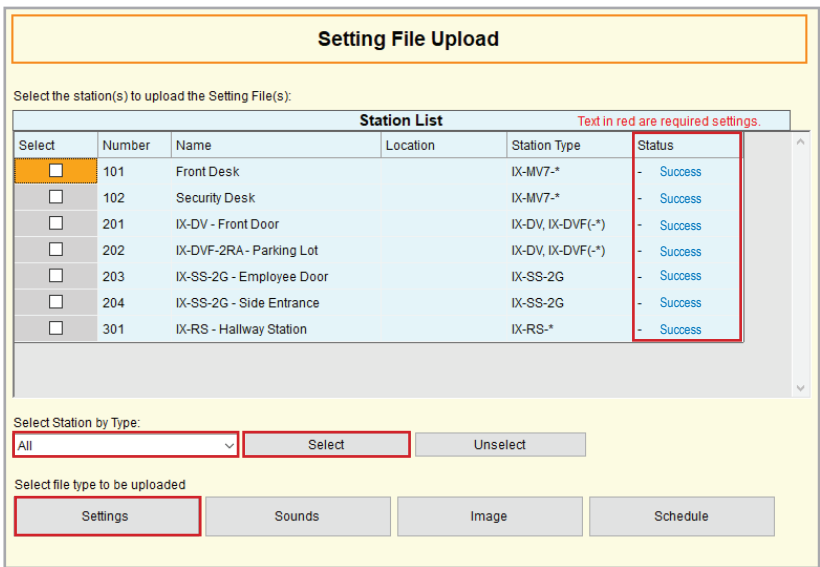
Click **Update** to save your settings.

## Uploading Settings to Stations

The final step is to upload all updated settings from Support Tool to the door station.



**3.1 - Upload Settings to Station**  
 From the menu bar select **File** then **Upload Settings To Station**



**3.2 - Select Stations**  
 Click **Select** to check all stations in the system or select just the door station that was changed.

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

**3.4 - Confirm Status**  
 Using the **Status** column, confirm that each station has successfully been updated with their new setting file.