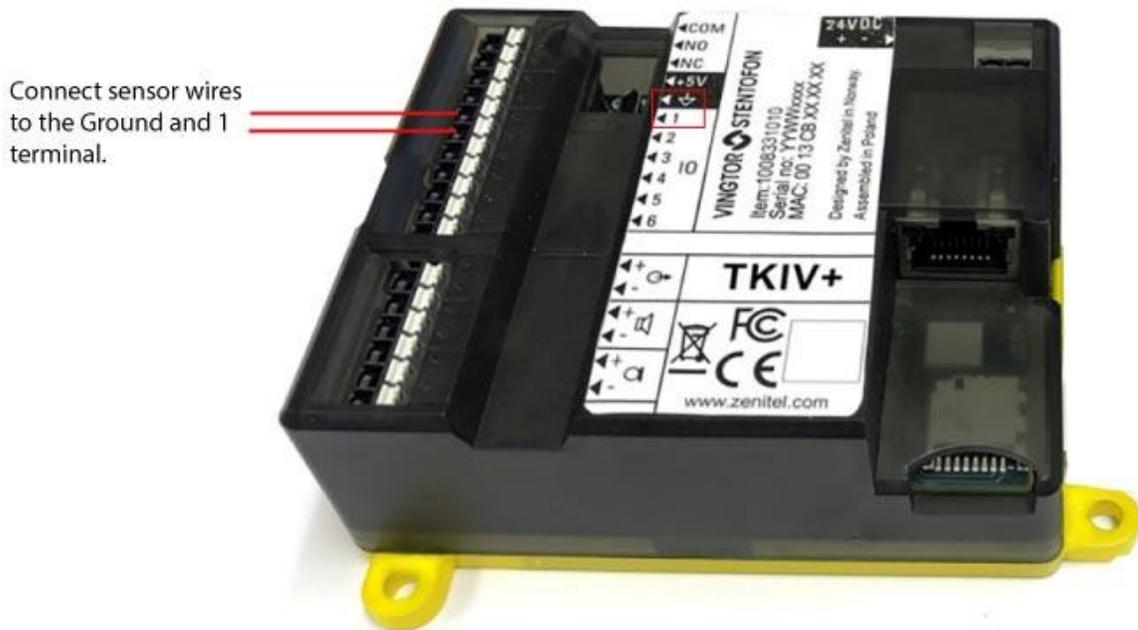## Setting Up a Photo Beam Sensor

If you don't want the driver to have to press the call button when they arrive, then you can connect a photo beam or motion sensor to an input on the outdoor callbox. When this feature is set up properly, it will trigger a call to the inside phone where it can be answered.
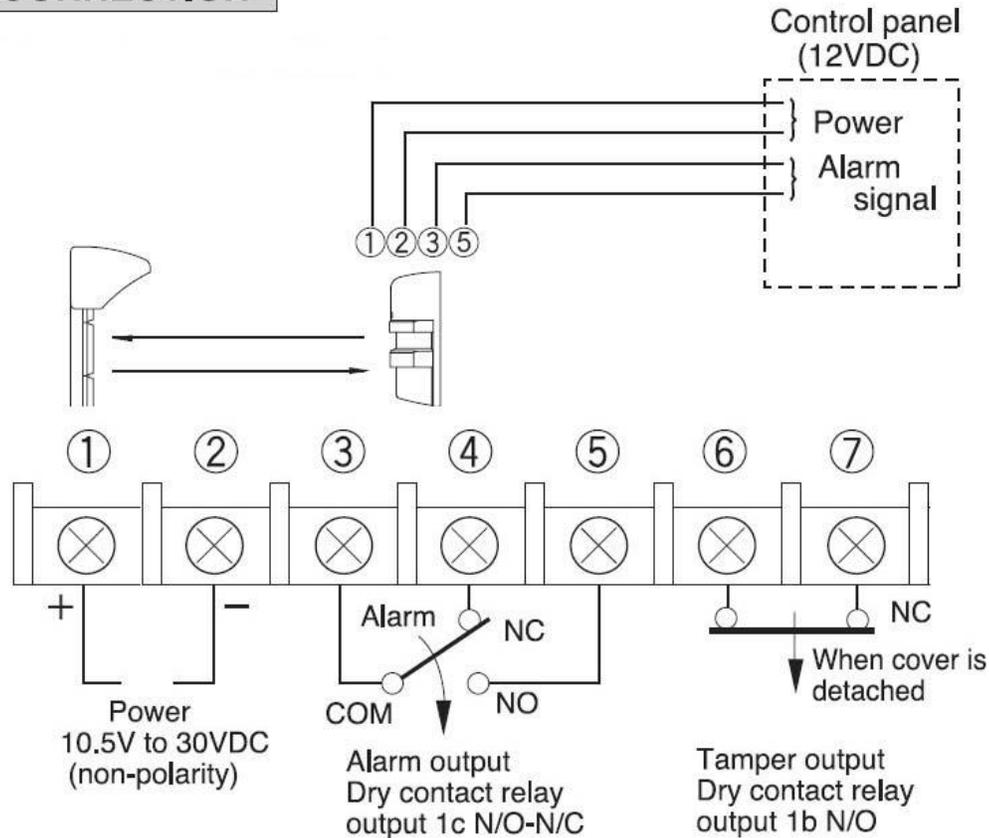
Hardware Connection

Connect your motion or photo beam sensor to the Ground and Pin 1 as shown in diagram below. You will be using I/O 1 for your photo or motion sensor.

The wires on the TCIS-2 Input port go to the optical sensor pins 3 and 5 Normally Open contacts shown in the following diagram for the TAKEX PR-11BE sensor.

CONNECTION

Control panel (12VDC)
} Power
} Alarm signal

① ② ③ ⑤

① ② ③ ④ ⑤ ⑥ ⑦

+   −

Power
10.5V to 30VDC
(non-polarity)

Alarm   NC

COM

NO

Alarm output
Dry contact relay
output 1c N/O-N/C

NC

When cover is detached

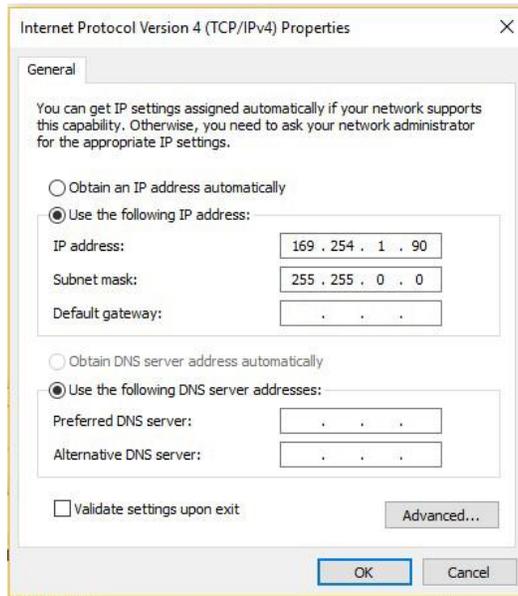Tamper output
Dry contact relay
output 1b N/O

Software Setup

All of these settings should already be set as below, but if for some reason the system doesn't work and you are sure it isn't the hardware, check the settings below.

Set a Static IP Address on Your Windows 10 Computer

To access the web interface of the TCIS-2, your computer must be in the same subnet range as the station. There is a video about this on the config file download site you were just on.

1. Click **Start**, and type **Control** in the search field, then select **Control Panel**.
2. Click on **Network and Internet**.
3. Click on **Network and Sharing Center**.
4. On the left pane, click the **Change adapter settings** link.
5. Right-click on your computer's Ethernet network adapter and select **Properties**.
6. Select the **Internet Protocol Version 4 (TCP/IPv4)** option.
7. Click the **Properties** button.
8. Select the **Use the following IP address** option.
9. Set the **IP address** (e.g., **169.254.1.90**).
10. Set the **Subnet mask**. (e.g., **255.255.0.0**).
11. Click **OK**.
12. Click **Close** again to close the network adapter properties.

Putting the Unit in Advanced Programming Mode

1. Enter the IP address of the outdoor intercom (169.254.1.100) into your web browser and under **Main > Recovery** click on Advanced configuration mode and type in the password 1851
2. Put a checkmark in the box and click **Save**.
3. This will add a new tab called "Edge Configuration" to your Edge Controller where you will set up in Input/Output port to Input (it should already default to this).

Setting Port Actions

Now you need to set up the actions of the I/O 1 port which you will do in the SIP Configuration in your admin browser.

1. Click on the Edge Configuration in your admin browser.
2. Click on I/O
3. Make sure I/O Pin 1 is set to Input 1

Main	Edge Configuration	Station Administration	Edge Controller	Advanced Network

	I/O Settings		
▶ Account / Call	**Description**	**Configuration**	
▶ Audio	Use Inputs As Key Matrix	Off	
▶ Direct Access Keys	**Fast Blink Pattern**	1110001110001110001110 00	1 = on, 0 = off, 100 ms interval
▶ Relays / Outputs	**Slow Blink Pattern**	11111111111000000000000	1 = on, 0 = off, 100 ms interval
	I/O Pin 1:	Input 1	
▶ Time	I/O Pin 2:	Input 2	
▼ I/O	I/O Pin 3:	Input 3	
	I/O Pin 4:	Input 4	
▶ Frontboard Mapping	I/O Pin 5:	Input 5	
▶ RTSP	I/O Pin 6:	Input 6	
▶ Script		SAVE REBOOT	
▶ Script Events	**Note: Changes requires application reboot**		
▶ Script Upload			

Setting the Ringlist

Now under Edge Configuration, go to Direct Access Key Settings (shown below) and set Input 1 to call a the phones in Ringlist 1. The Button 1 and Input 1 settings should be identical.

| | Main | Edge Configuration | Station Administration | Edge Controller | Advanced Network |

Account Settings

			Function		
Button 1	Idle:	Call To ▾		Ringlist 1 ▾	▾
	Call:	Answer Call ▾	Filter Dir. No.		☐ Answer Group Call
Input 1	Idle:	Call To ▾		Ringlist 1 ▾	▾
	Call:	Answer Call ▾	Filter Dir. No.		☐ Answer Group Call
Input 2	Idle:	Call To ▾		No Ringlist ▾	▾
	Call:	Do Nothing ▾			
Input 3	Idle:	Call To ▾		No Ringlist ▾	▾
	Call:	Do Nothing ▾			
Input 4	Idle:	Call To ▾		No Ringlist ▾	▾
	Call:	Do Nothing ▾			
Input 5	Idle:	Call To ▾		No Ringlist ▾	▾
	Call:	Do Nothing ▾			
Input 6	Idle:	Call To ▾		No Ringlist ▾	▾
	Call:	Do Nothing ▾			

Left sidebar menu:
- Account / Call
- Audio
- Direct Access Keys
- Relays / Outputs
- Time
- I/O
- Frontboard Mapping
- RTSP
- Script
- Script Events
- Script Upload
- Audio Messages
- Multicast Paging
- Certificates