

## CHANNEL VISION Limited Warranty

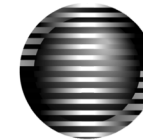
Channel Vision Technology will repair or replace any defect in material or workmanship which occurs during normal use of this product with new or rebuilt parts, free of charge in the USA, for two years from the date of original purchase. This is a no hassle warranty with no mail in warranty card needed. This warranty does not cover damages in shipment, failures caused by other products not supplied by Channel Vision Technology, or failures due to accident, misuse, abuse, or alteration of the equipment. This warranty is extended only to the original purchaser, and a purchase receipt, invoice, or other proof of original purchase date will be required before warranty repairs are provided.

Mail in service can be obtained during the warranty period by calling (800) 840-0288 toll free. A Return Authorization number must be obtained in advance and can be marked on the outside of the shipping carton.

This warranty gives you specific legal rights and you may have other rights (which vary from state to state). If a problem with this product develops during or after the warranty period, please contact Channel Vision Technology, your dealer or any factory-authorized service center.

# CHANNEL VISION™ IU-Series Door Intercom

**Includes models:  
IU-0xxx, IU-5xxx, IU-6xxx  
IU-0xxxP, IU-5xxxP, IU-6xxxP**



**CHANNEL VISION™**  
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Channel Vision's IU-Series are 1/4" solid brass door plates that interface with other products to provide communication with the front door. It is available in a variety of configurations including options for a hidden camera and compatibility with Panasonic's popular KSU phone systems. A standard single gang junction box is supplied with each IU-series unit.

### Features:

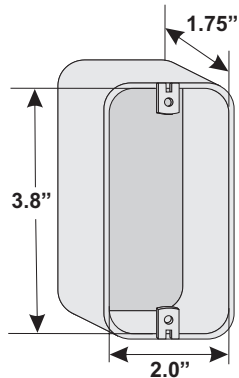
- 1/4" thick solid brass plate
- Discrete speaker and microphone
- Fits a single gang box
- Available in many finishes

### Understanding the model number:

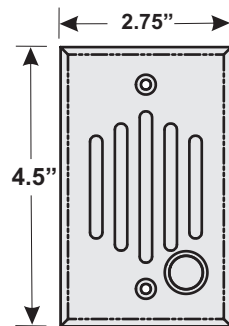
| Part numbering: IU door plates |                         |
|--------------------------------|-------------------------|
| <b>IU-0212P</b>                |                         |
| Blank                          | TE110/C-0920 compatible |
| P                              | Panasonic compatible    |
| 212                            | White                   |
| 222                            | Polished Brass          |
| 232                            | Antique Brass           |
| 242                            | Chrome                  |
| 252                            | Oil Rubbed Bronze       |
| 262                            | Antique Copper          |
| 272                            | Satin Silver            |
| 282                            | Black                   |
| 302                            | Satin Nickel            |
| 0                              | No camera               |
| 5                              | Black and white camera  |
| 6                              | Color camera            |

(IU-0212P shown for example only)

### What's included?



RACO box model 8660 (included)



IU-Series Intercom

### Specifications:

#### Speaker:

|                  |                  |
|------------------|------------------|
| Size (mm):       | 40               |
| Depth (in):      | .73              |
| Impedance:       | 8 Ohms           |
| Power Peak (W):  | 0.2              |
| Frequency Range: | 500 Hz - 3.5 kHz |

#### Dimensions:

|                       |                                  |
|-----------------------|----------------------------------|
| IU-Series plate only: | 4.5" (L) x 3.75" (W) x .25" (D)  |
| IU-Series assembly:   | 4.5" (L) x 3.75" (W) x 1.75" (D) |

#### Black & White camera: (IU-5xxx & IU-5xxxP only)

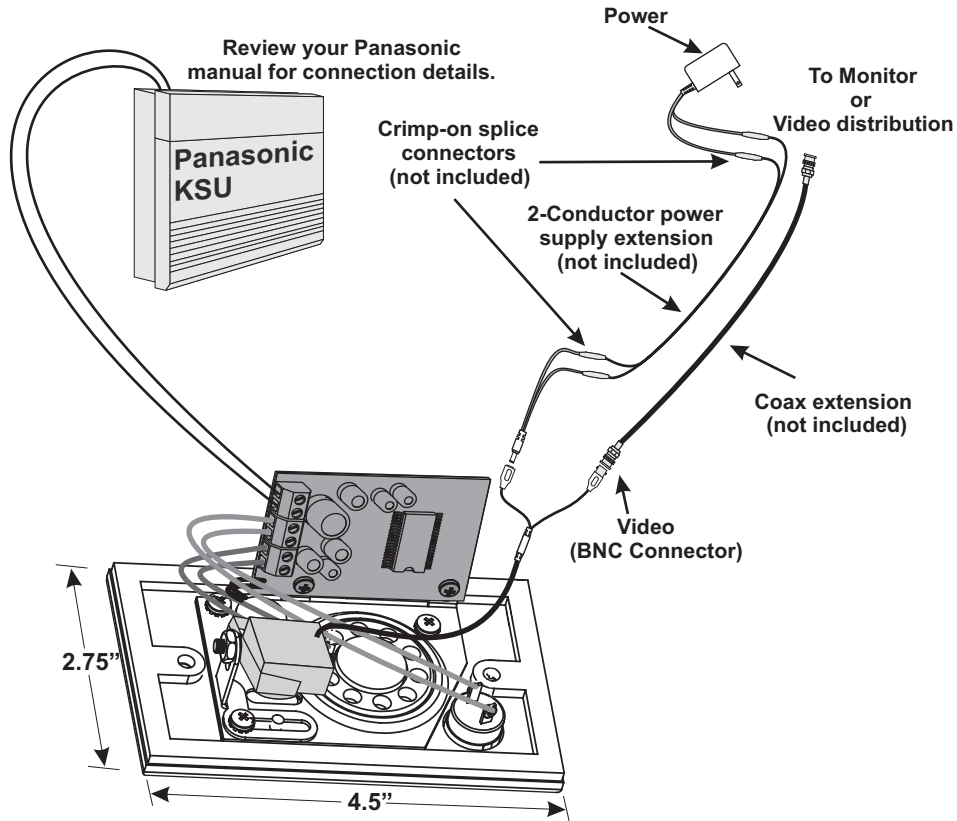
|                    |                               |
|--------------------|-------------------------------|
| Camera Lens:       | 3.8mm                         |
| Resolution:        | 500 lines                     |
| S/N Ratio:         | More than 48 dB               |
| Min Illumination:  | 0.05 LUX @ F2.0               |
| Power Supply:      | 12VDC regulated               |
| Power Consumption: | 110 mA                        |
| Video Output:      | 1 Vp-p @ 75 ohms              |
| Dimensions:        | (see diagram)                 |
| Operating Temp:    | -10°C to 50°C (14°F to 122°F) |

#### Color camera: (IU-6xxx & IU-xxxP only)

|                    |                               |
|--------------------|-------------------------------|
| Camera Lens:       | 3.8mm                         |
| Resolution:        | 380 lines                     |
| S/N Ratio:         | More than 48 dB               |
| Min Illumination:  | 0.4 LUX @ F2.0                |
| Power Supply:      | 12VDC regulated               |
| Power Consumption: | 120 mA                        |
| Video Output:      | 1 Vp-p @ 75 ohms              |
| Dimensions:        | (see diagram)                 |
| Operating Temp:    | -10°C to 50°C (14°F to 122°F) |

## Panasonic compatible with camera

Channel Vision's IU-5xxxP & IU-6xxxP Series are 1/4" solid brass door plates with integrated mini cameras. They are a compatible replacement for the Panasonic KXT30865. The IU-5xxxP contains a Black & White camera, while the IU-6xxxP contains a color camera. These products interface with Panasonic's KSU phone systems to provide communication with the front door.

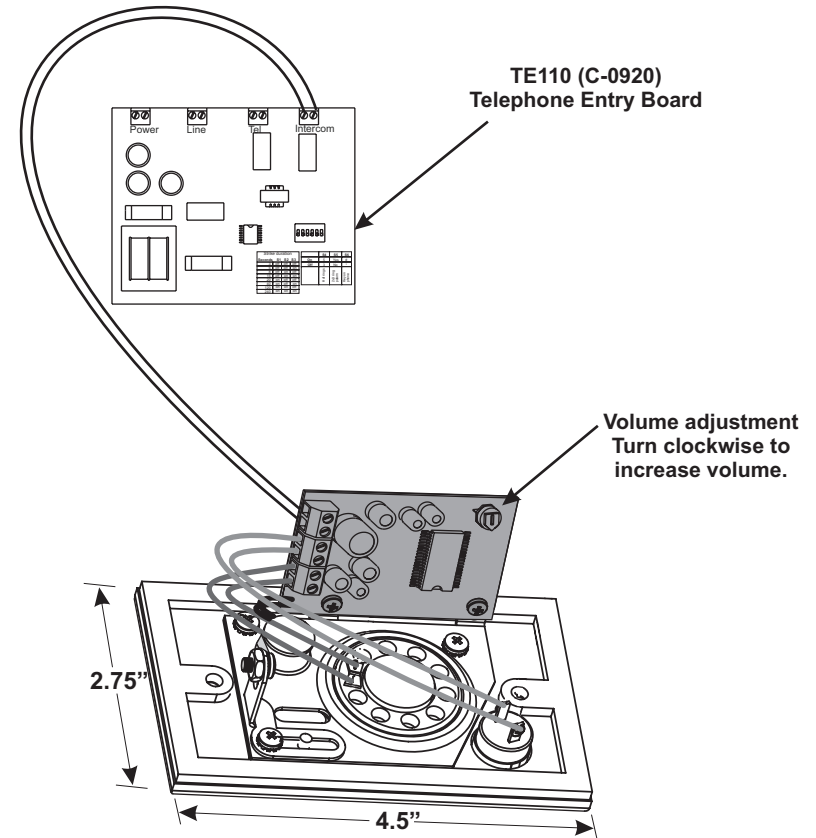


### Installation:

- Mount single gang junction box.
- Using a 2-conductor wire, connect you Panasonic KSU to the empty screw terminal block on the IU (see diagram).
- If necessary, attach the camera's video output to a coax extension that is long enough to reach your monitor or video distribution equipment.
- If necessary, cut the connector off of the end of the power supply and splice in an extension using crimp-on connectors.

## Channel Vision compatible (model IU-0xxx)

Channel Vision's IU-Series are 1/4" solid brass door plates that interface with the Channel Vision TE110 or C-0920 to provide communication with the front door. A standard single gang junction box is supplied with each IU-series unit.

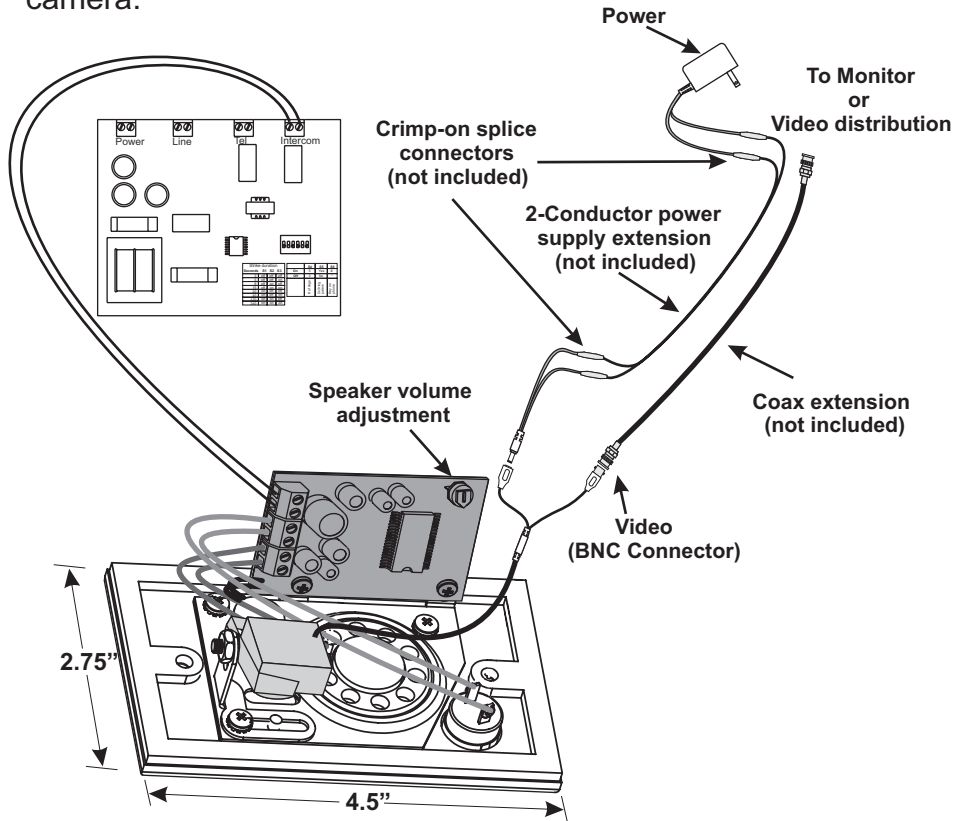


### Installation:

- Mount single gang junction box.
- Using a 2-conductor wire, connect the TE110 (C-0920) to the empty screw terminal block on the IU (see diagram).
- Adjust speaker volume to the desired level.

## Channel Vision compatible with camera

Channel Vision's IU-5xxx & IU-6xxx Series are 1/4" solid brass door plates with integrated mini cameras. They interface with the Channel Vision TE110 or C-0920 to provide audio and video communication with the front door. The IU-5xxx contains a Black & White camera, while the IU-6xxx contains a color camera.

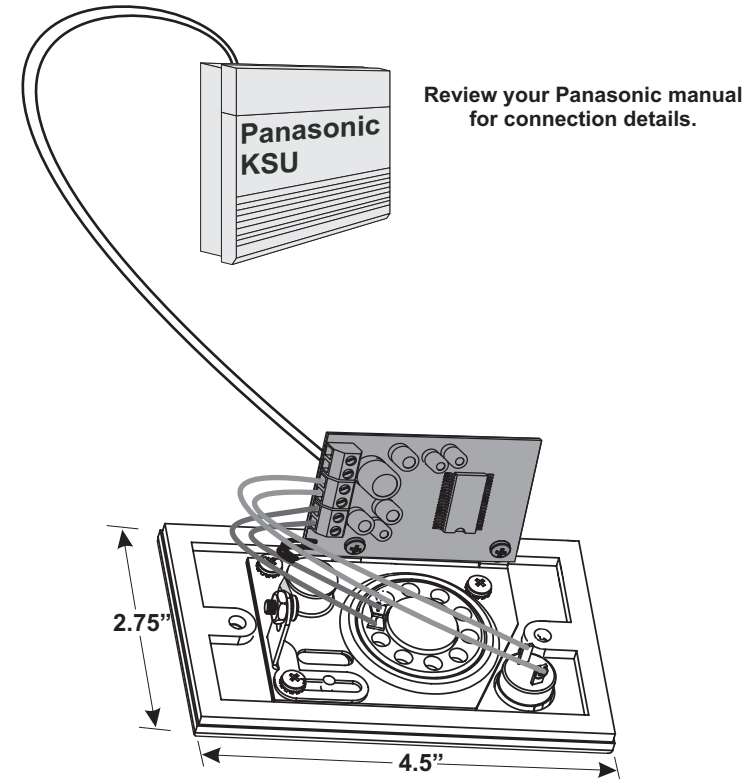


### Installation:

- Mount single gang junction box.
- Using a 2-conductor wire, connect the TE110 (C-0920) to the empty screw terminal block on the IU (see diagram).
- If necessary, attach the camera's video output to a coax extension that is long enough to reach your monitor or video distribution equipment.
- If necessary, cut the connector off of the end of the power supply and splice in an extension using crimp-on connectors.

## Panasonic compatible (model IU-0xxxP)

Channel Vision's IU Panasonic Series models are a compatible replacement for the Panasonic KXT30865. These 1/4" solid brass door plates provide an attractive alternative to the standard plastic door station sold by Panasonic. This product interfaces with Panasonic's KSU phone systems to provide communication with the front door.



### Installation:

- Mount single gang junction box.
- Using a 2-conductor wire, connect the door phone output of your Panasonic KSU to the empty screw terminal block on the IU (see diagram).
- Consult your Panasonic manual for instructions regarding door phone operation.