

# TruVision High Resolution TVI Box Camera TVC-2401 / TVC-4401 Installation Guide

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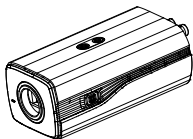
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# Product overview

This is the Installation Guide for TruVision High Resolution TVI Box Camera TVC-2401/TVC-4401. This guide describes a standard installation.

## Package contents

- Box camera



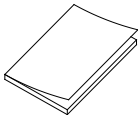
- CS adaptor



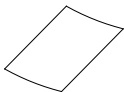
- Lens ring



- Quick guide



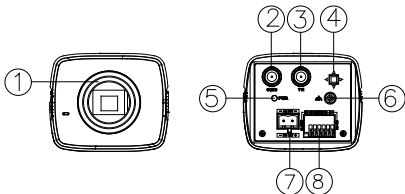
- WEEE disposal



- CD

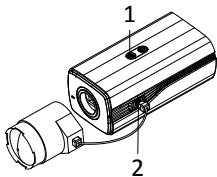


## Camera description



1. Lens mounting ring
2. CVBS output
3. TVI output
4. Menu button
5. Power LED indicator

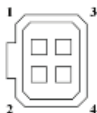
6. GND
7. 12 VDC / 24 VAC
8. Alarm, RS-485, D/N port



1. Lock screw
2. Auto-iris drive interface

## Auto iris connector

The auto iris connector is composed of four square pins as shown below. Damp+, Damp-, Drive+ and Drive- pins are used in DC driven mode.



No.	DC
1	Damp-
2	Damp+
3	Driver-
4	Driver+

## Installation

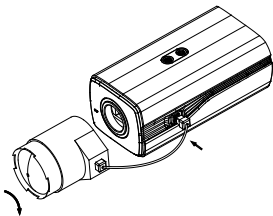
Refer to the instructions that came with the lens you purchased for complete lens installation instructions. The camera automatically detects the type of lens used.

**Note:** For optimal performance, an auto iris lens is recommended.

### To attach the lens:

1. If a C-mount lens is used, the supplied CS adaptor must be fitted to the lens mounting ring or the sensor/filter may be damaged
2. Rotate the lens clockwise onto the lens mounting ring of the camera.

3. Connect the lens auto iris wire to the auto iris connector of the camera.



**To mount the camera:**

1. Attach the camera to a mounting bracket using appropriate fasteners or install the camera in an appropriate outdoor housing.
2. Adjust the camera to get an optimum angle.
3. Tighten the screw to secure the camera to the bracket, if required.

**To finish the installation:**

1. Using a 75-ohm coaxial video cable, connect the camera TVI video output to a TVI DVR.

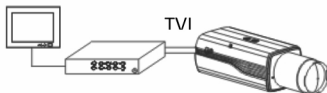


2. Connect the service monitor CVBS connector to the camera CVBS output, if required. Please refer to the Programming section for more information.
3. Power the camera with a power supply. Please mind the polarity of 12 VDC connections. 24 VAC connections are not polarity sensitive.
4. Finish the installation by adjusting zoom and focus to get a clear picture.

## Programming

### Program using a TVI output

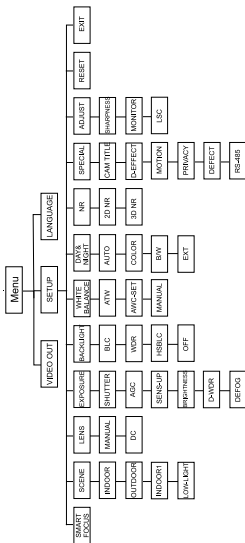
Once the camera hardware has been installed, you can configure the camera settings on the TVI DVR.



Please select the PTZ protocol as **TruVision Coax** and click the menu button to call up the camera menu. For more details, please see the TVI DVR user manual.

The camera has CVBS and TVI dual video outputs. When the WDR feature is enabled via the OSD, the CVBS output will be blocked.

# Setup menu



# Specifications

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Power supply	24 VAC / 12 VDC
Current	1 A max.
Power consumption	12 W max.
Weight (net)	0.83 lb. (378 g)
Dimensions	2.7 x 2.3 x 5.85 in. (69.2 x 57.3 x 148.7 mm)

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## Legal and regulatory information

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### Trademarks and patents:

Trade names used in this document may be trademarks or registered trademarks of the manufacturers or vendors of the respective products.

## Manufacturer:

Interlogix

2955 Red Hill Avenue, Costa Mesa, CA 92626-5923, USA

Authorized EU manufacturing representative:

UTC Fire & Security B.V.

Kelvinstraat 7, 6003 DH Weert, The Netherlands

## Certification:



## FCC compliance: Class A

Class A: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## ACMA compliance

Notice! This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-0330 du Canada.

## European Union directives:

**12004/108/CE (EMC directive):** Hereby, UTC Fire & Security declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.



**2012/19/EU (WEEE directive):** Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: [www.recyclethis.info](http://www.recyclethis.info).

## Contact information:

For contact information, see [www.interlogix.com](http://www.interlogix.com) or [www.utcssecurityproducts.eu](http://www.utcssecurityproducts.eu).

