

TruVision HD-TVI 1080P Wedge Camera Installation Guide

TVW-2401/TVW-4401

Content

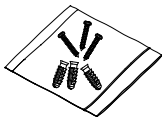
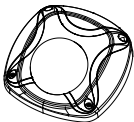
Product overview	4
Camera description	7
Installation	8
Operating temperature range	15
Program	15
Menu tree	18
Specifications	19
Legal and Regulatory information	20

Product overview

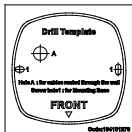
This is the Installation Guide for the TruVision high definition TVI wedge camera TVW-2401/TVW-4401. This guide describes a standard installation.

Package contents

- Camera assembly (cable harness not shown)
- 3 M4 x 25 mm screws and 3 anchors for wall or ceiling installation



- Camera drill template
- 2 screws M4 x 8 used for installing the camera to the adapter plate



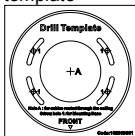
- Torx wrench



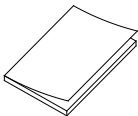
- Adapter plate



- Adapter plate drill template



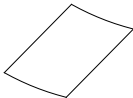
- Installation guide



- CD



- Equipment disposal instructions



- Lens adjustment tool



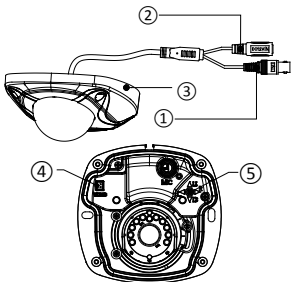
- HD-TVI video test cable



- 12 VDC connector
(2 terminal
connectors with
positive and
negative indicators)



Camera description



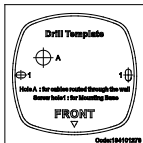
- | | |
|---------------------|----------------------------|
| 1. TVI video output | 4. HD-TVI video test cable |
| 2. Power cable | 5. Menu button |
| 3. Camera base | |

Note: The HD-TVI wedge camera should only be connected to a DVR that supports a TVI signal.

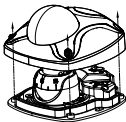
Installation

To install the camera on a surface:

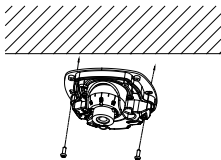
1. Use the camera drill template to mark the mounting holes.



2. Follow all local safety regulations. Drill through the mounting surface. If you need to route the cables from the bottom of the camera, drill a larger hole in the mounting surface for the cable harness.
3. Using the Torx wrench, loosen the four screws to remove the housing cover from the device.

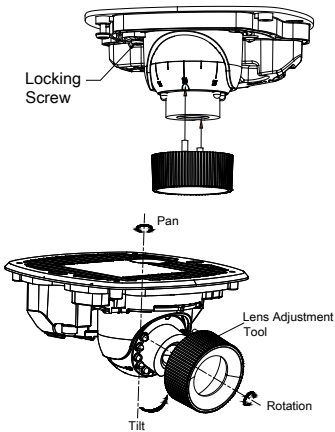


4. Install the mounting base to the surface using two of the M4 x 25 mm screws and anchors. If routing the cable harness through the ceiling, do so prior to mounting the camera.



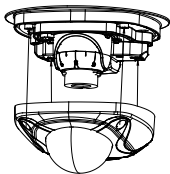
5. Loosen the locking screw, located near the lens assembly. Align the lens adjustment tool with the two small holes located on the camera assembly.

Rotate (pan) the camera assembly using the lens adjustment tool until the lens is positioned in the correct location. The tool is also used to adjust the tilt angle.



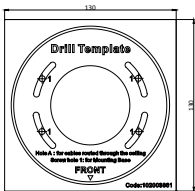
Note: Please do not remove the foam ring attached to the lens. This foam ring is required to reduce the glare of IR illuminators.

6. Tighten the locking screw and re-install the housing cover to the camera assembly using the Torx wrench.



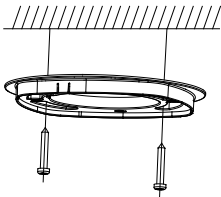
To install the camera using the adapter plate:

1. Use the adapter plate drill template to mark the holes.

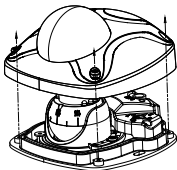


2. Follow all local safety regulations. Drill through the mounting surface. If you need to route the cables from the bottom of the camera, drill a larger hole for the cable harness.

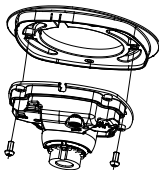
3. Install the adapter plate to the using two of the M4 x 25 mm screws and anchors.



4. Using the Torx wrench, loosen the four screws to remove the housing cover from the device.

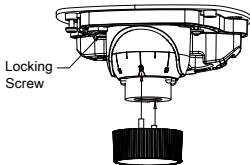


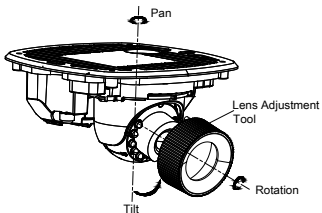
5. Install the camera base to the adapter plate using the two M4 x 8mm screws.



6. Loosen the locking screw located near the lens assembly. Align the lens adjustment tool with the two small holes located on the camera assembly.

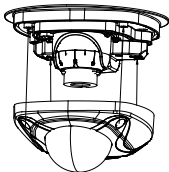
Rotate (pan) the camera assembly using the lens adjustment tool until the lens is positioned in the correct location. The tool is also used to adjust the tilt angle.





Note: Please do not remove the foam ring attached to the lens. This foam ring is required to reduce the glare of IR illuminators.

7. Tighten the locking screw and re-install the housing cover to the camera assembly using the Torx wrench.



Operating temperature range

The operating temperature of the TVW-2401/4401 cameras is -30 to +60 °C (-22 to +140 °F).

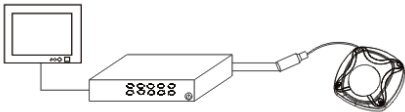
Program

The HD-TVI video output allows the camera to be programmed using the OSD (On Screen Display) feature. The camera OSD can be accessed via the recorder.

Using a TVI output

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

Connect the TVI cable to the DVR, as shown below.



Select the PTZ protocol **TruVision Coax** and click the **Menu** button to call up the camera menu.

For more details, refer to the TVI DVR user manual.

Call up the camera OSD (On Screen Display) menu

To set up the camera:

1. In **Camera Settings** of the DVR, access the PTZ menu and select the *TruVision-Coax* protocol for the TruVision HD-TVI camera from the drop down menu.
2. In live view of the desired camera, click the PTZ Control icon on the live view toolbar to access the PTZ control panel.
3. To call up the camera setup menu:

From the camera OSD of the DVR, select **Menu**.

— or —

From the DVR, select **Iris+**.

4. Select the menu options:

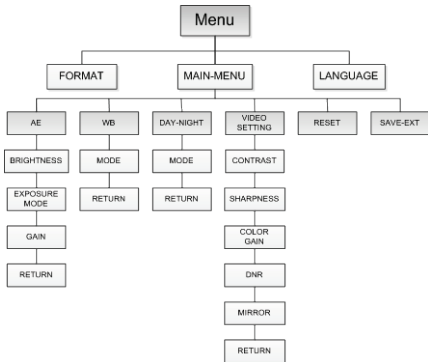
From the DVR: To select an OSD item, click the directional buttons up/down. To adjust the value of a selected item, click the directional buttons left/right.

From the camera: To select an OSD item, push the **Menu** button up/down. To adjust the value of a selected item, push the **Menu** button left/right.

5. Click **Iris+** to enter the submenu or to confirm the selected item.
6. When the setup is complete, select **Exit** and click **Iris+** to exit the camera OSD.

Note: You cannot exit the camera setup menu using the Menu button on the camera.

Menu tree



Specifications

Power supply	12 VDC
Current	420 mA max.
Power consumption	5 W max.
Weight (net)	260 g (0.57 lb.)
Dimensions	99.5 x 97 x 46.8 mm (3.92 x 3.82 x 1.84 in.)

Legal and Regulatory information

Copyright:

© 2016 United Technologies Corporation,
Interlogix is part of UTC Climate, Controls & Security, a unit of
United Technologies Corporation. All rights reserved.

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.

FCC conditions:

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 received, including interference that may cause undesired operation.

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 CAN ICES-003 (A)/NMB-3 (A).

Cet appareil numérique de la classe A est conforme à la norme CAN ICES-003 (A)/NMB-3 (A).

European Union directives:

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.



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.



2013/56/EU & 2006/66/EC (battery directive):

This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

Contact information:

For contact information, see www.interlogix.com or www.utcssecurityproducts.eu

