TruVision TVD-DOME-HR Camera Installation Sheet

Description

The TruVision TVD-DOME-HR camera is a high-resolution dome camera that that can be used in retail, commercial, and residential environments. The camera uses a varifocal lens and offers custom configurability.

Safety precautions

Read this installation sheet in its entirety before using the camera.

To avoid dangerous electrical shock or damage to the equipment, do not try to disassemble the camera or any of its components.

Do not attempt to service this camera by yourself unless you are authorized to do so. Opening the cover may expose you to dangerous electrical shock or other hazards. Only a service technician should perform this procedure.

Never point the camera at the sun and do not expose the lens directly to the sun or strong light as this may damage the camera.

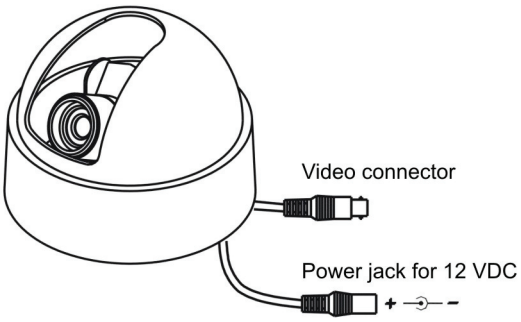
Handle the camera with care. The camera contains sensitive components, avoid any shock or impact to the camera. Improper handling can damage the camera.

The camera is designed for indoor use. Do not use the camera when the temperature is lower than −10°C (14°F) or higher than +50°C (122°F). For safe camera usage, the maximum humidity should not exceed 85%. If the camera is placed in an extremely dusty location, special housing may be needed to protect the camera and lens.

Installation

Before installing the TruVision TVD-DOME-HR camera, make sure that the location is mechanically sound, protects the camera, and affords the required views. Once the camera is securely mounted, follow the procedure below to connect the camera. For power and video connections see Figure 1 below. For camera dimensions see Figure 2 and Figure 3 on page 2.

Figure 1: TruVision Dome camera power and video connections



To install the camera:

1. Fasten the camera to a wall or ceiling (or another solid surface). The camera must be stable when connected.
2. Connect the 75 Ω coaxial cable to the video output.
3. Connect the power cable to the camera.
4. Adjust the camera position and angle as required.

Camera dimensions

Figure 2: TruVision Dome dimensions - base attachment

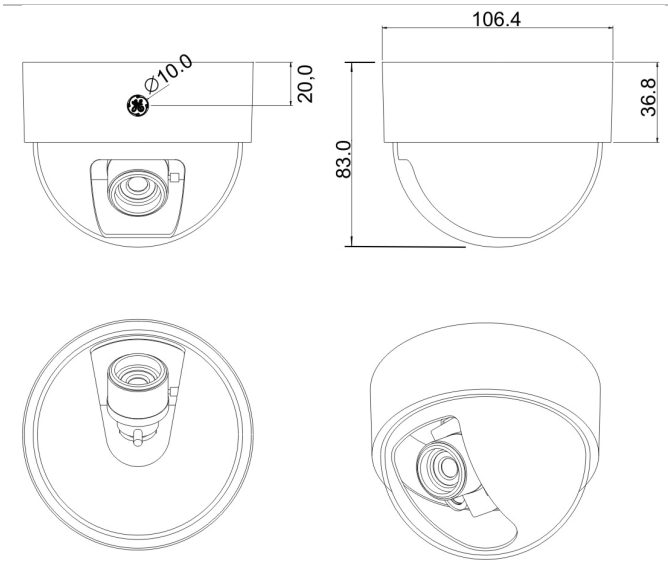


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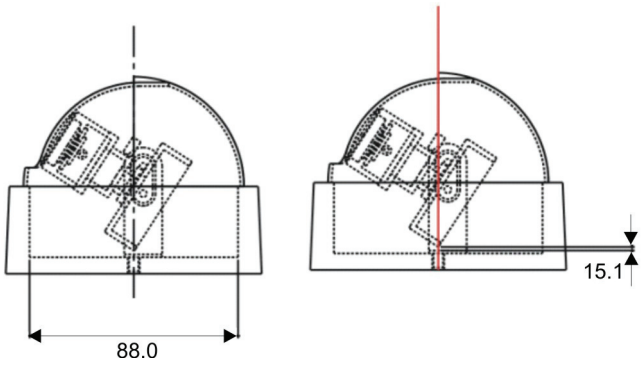
Figure 3: TruVision dimensions - camera orientation (mm)



Maintenance

To clean inside and outside the camera, do not use any organic or corrosive cleaning solutions. When cleaning the camera, turn off the power, and use a clean cloth with some water.

Specifications

Pickup device	1/3 in. interline transfer CCD
Total pixels	NTSC: 811 (H) x 508 (V) PAL: 795 (H) x 596 (V)
Effective pixels	NTSC: 768 (H) x 494 (V) PAL: 752 (H) x 582 (V)
Resolution	500 TV lines
Synchronization system	Internal synchronization
Scanning system	NTSC: 525 lines / 60 fields PAL: 625 lines / 50 fields
S/N ratio	>48 dB
Electronic shutter	Auto 1/60 (1/50)
Minimum illumination	0.2 lux at F2.0
Video output	1.0 Vp-p, 75 Ω
White balance	Automatic
Lens type	Board lens / DC varifocal lens
DC power source	12 VDC, 500 mA /24 VAC,185 mA
Power consumption	<2.2 W max.
Operating temperature	−10 to 50°C (14 to 122°F)

FCC information

Cautions

This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

Compliance

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the service technician is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Contact information

For contact information see our Web site: www.interlogix.com.

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