

# TVD-2402

**TruVision HD-TVI Analog Dome Camera, PAL, 720P, 2.8 to 12mm lens, true D/N, DWDR, 40m IR, Dual output 960H or HD-TVI, Coax OSD control, 12VDC/24VAC, IP66, IK10**

## Overview

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The new TruVision line includes a comprehensive family of HD-TVI infrared (IR) cameras for stand-alone or integrated installations, designed for optimal image quality over existing coaxial cable.

Ideal for improving video quality of existing analog surveillance system installations ranging from convenience stores to retail mall parking lots, the TruVision HD-TVI line has the right cameras for your new or existing project and can help you stay within budget constraints without compromising security needs.

The cameras have true day/night capabilities, providing color images by day and black-and-white images under IR operation in low light applications. TruVision HD-TVI cameras are available with either fixed lens or varifocal lens.

Form factors include dome and traditional bullet cameras. Bullet models offer a familiar form factor that features a pre-installed wall mount with cable management. All models are IP66 rated for outdoor installation and select dome models are available with an IK10 vandal-rated enclosure.

All TruVision HD-TVI cameras are designed to install quickly and easily, right out of the box, so you can be up and running in no time.



## Details

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- 720p HD resolution
- HD-TVI technology for transmitting HD quality video over existing coax cable
- True day/night functionality and infrared illuminators with Smart IR function for capturing images in various lighting scenarios
- IR range of up to 40 m
- IP66 environmental rating
- Digital wide dynamic range
- 2.8 to 12 mm lens
- Dual power 12 VDC / 24 VAC
- Vandal rating IK10
- Provide OSD control via TruVision up the coax and built-in menu button

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## Technical specifications

### General

Technology	HD-TVI analog
Video standard	PAL

### Camera

Max. resolution	720p
Sensor scan	Progressive
Sensor type	CMOS
Pick-up device:	1/3" Progressive Scan CMOS
Total pixels (H x V):	1305 x 1049
Effective pixels (H x V):	1305 x 1049
Resolution:	720p
Sync. system:	Internal
S/N ratio:	More than 62 dB
Electronic shutter:	1/25 to 1/50,000 s
Day/Night:	True Day/Night
Motorized IR cut filter:	Yes
Color sensitivity:	0.01 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.4, AGC ON)
B/W sensitivity:	0 Lux with IR on
Video output:	Dual HD-TVI or 960H
IR distance:	Up to 40 m
Lens type:	2.8 - 12 mm @ F1.4
Wide dynamic range:	DWDR
Digital noise reduction:	3D DNR
OSD:	Built-in OSD button, TruVision Coax OSD control on both HD-TVI and 960H

### Lighting performance

WDR	DWDR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Infrared (IR)	Yes

### Lens

Lens type	Varifocal
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### Network

Integration	CGI, ONVIF, PSIA
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### Electrical

Power source:	12 VDC / 24 VAC
Power consumption:	12 VDC: max. 3.5W 24 VAC: max. 5W
Current:	12 VDC: max. 0.42A 24 VAC: max. 0.25A

### Physical

Physical dimensions	145.3 x 124.2 mm
Net weight	641 g
Colour	Grey (Pantone 428c)
Form Factor	Dome

### Environmental

Environment	Outdoor
Operating temperature	-30 to 60°C
Storage temperature	-20 to +70° -4 to +158°F

### Regulatory

Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE
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### Environmental & Physical

Weight:	641 g (1.41 lbs.)
Dimensions:	145.3 x 124.2 mm (5.72 x 4.89 in.)
Operation temperature:	-30 to +60° C (-22 to +140° F)
Storage temperature:	-20 to +70° C (-4 to +158° F)
Environmental rating:	IP66
Vandal rating:	IK10

### Accessory

Coax OSD controller:	TVS-C200
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