

# TVD-2401

TruVision HD-TVI Analog Dome Camera, PAL, 720p, 2.8 mm lens

## Overview

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.



## Standard Features

- 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 20 m
- IP66 environmental rating
- Digital wide dynamic range
- 2.8 mm fixed lens
- 12 VDC

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## Specifications

Camera	
Max. Resolution	720p
Pick-up device:	1/3" Progressive Scan CMOS
Total pixels (H x V):	1280 × 720
Effective pixels (H x V):	1280 × 720
Resolution:	720p
Sync. system:	Internal
S/N ratio:	More than 52 dB
Electronic shutter:	1/25 to 1/50,000 s
Color sensitivity:	0.01 Lux @ (F1.2, AGC ON), 0.034 Lux @ F2.2, AGC ON)
B/W sensitivity:	0 Lux with IR on
Video output:	HD-TVI
IR distance:	Up to 20 m
Lens type:	Fixed: 2.8 mm @ F2.2
Wide dynamic range:	DWDR
Digital noise reduction:	DNR
OSD:	NA
Lighting performance	
InfraRed (IR)	No
Network	
Supported Video Standards	CGI, ONVIF, PSIA
Storage	
Local Storage Support	No
General	
Technology	HD-TVI analog
Video Standard	PAL
Electrical	
Power source:	12 VDC
Power consumption:	3.5 W (max.)
Current:	300 mA
Physical	
Form Factor	Dome
Physical dimensions	111 x 82 mm
Net weight	345 g
Environmental	
Operating temperature	-30 to 60°C
Storage temperature	-20 to +70°C -4 to +158°F
Environment	Outdoor
Standards & regulation	
Compliance	C-tick, CE, FCC, REACH, RoHS, UL, WEEE
Environmental & Physical	
Weight:	345 g (0.76 lbs)
Dimensions:	111 x 82 mm (4.4 x 3.2 in.)
Operation temperature:	-30 to +60° C (-22 to +140° F)
Storage temperature:	-20 to +70° C (-4 to +158° F)
Environmental rating:	IP66

## Ordering Information

Part No.	Description
TVD-2401	TruVision HD-TVI Analog Dome Camera, PAL, 720P, 2.8mm lens, true D/N, DWDR, 20m IR, HD-TVI output, Coax OSD control, 12VDC, IP66, Plastic

