

# TVD-6102

**TruVision HD-TVI Analog Dome Camera, 2MPX, 2.8MM Lens, True D/N, WDR, 30m IR HD-TVI Output, Coax OSD Control, 12VDC, IP67**

## Overview

The 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, options are available at up to 8Mpx resolution.

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, traditional bullet and turret cameras . Bullet models offer a familiar form factor that features a pre-installed wall mount with cable management. All models are IP67 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

- 1080p 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 30 m
- IP67 environmental rating
- True wide dynamic range
- 2.8 mm fixed lens
- 12 VDC
- Provide OSD functionality via TruVision up the coax control

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## Technical specifications

### General

Technology	HD-TVI analog
Video standard	NTSC, PAL
Image settings	Mirror
Video output	BNC Composite PAL / NTSC, HD-TVI

### Camera

Max. resolution	1080p
Sensor scan	Progressive
Sensor type	CMOS
Effective pixels (H x V)	1920 x 1080
Shutter time	1/25s (PAL) or 1/30s (NTSC) to 1/50,000

### Lighting performance

WDR type	True WDR
WDR	130 dB
Day / night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.003 Lux @ (F1.2, AGC ON)
B/W sensitivity	0 Lux with IR
Infrared (IR)	Yes
IR range	30m

### Lens

Lens type	Fixed
Focal length	2.8 mm
f-stop	f1.2
Auto iris	Yes

### Electrical

Operating voltage	12VDC
Power supply type	12 VDC
Power consumption	3.4 W Max.

### Physical

Physical dimensions	Ø 145 x 111.3 mm
Net weight	492 g
Colour	Grey (Pantone 428c)
Material	Aluminium
Form Factor	Dome

### Environmental

Vandal proof	Yes
Impact rating	IK10
Environment	Indoor, Outdoor
Operating temperature	-40 to 60°C
Relative humidity	90% or less (non-condensing)
IP rating	IP67

### Regulatory

Compliance	CE, REACH, RoHS, WEEE
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### Compatible TruVision Recorders/Encoders

TVR12HD	(Record max. 12 fps)
TVR44HD	
TVR15HD	
TVR45HD	
TVR46HD	
TVE-110/410/810/1610	
TVE-120/420/820/1620	

### Compatible products

Category	Reference	Description
Brackets & Mounts	DR-RWM-AD	TruVision Adapter for the TruVision Dome to use on the DR wall-mount bracket
Brackets & Mounts	TVD-BB1	TruVision dome back box (used together with TVD-11xx/55xx/56xx series plastic mini domes)
Brackets & Mounts	TVD-CB3	
Brackets & Mounts	TVD-LWB-1	TruVision Dome Bracket, L-Shape, (used together with Analog/ IP Wedge and HD-TVI Analog, TVD-11/31 Series plastic domes)
Brackets & Mounts	TVD-M2-WM	



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