



# TVT-6103

**TruVision HD-TVI Analog Turret Camera, 2MPX, 3.6MM Lens, True D/N, WDR, 20m White LED HD-TVI Output, Coax OSD Control, 12VDC, IP67**

## Overview

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The TruVision full-time colour HD-TVI cameras for stand-alone or integrated installations. Designed for optimal image quality over existing coaxial cable at 1080p.

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 colour images day and night or in low light applications.

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 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

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- Full-time colour camera
- 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
- White LED light with range up to 20m
- IP67 environmental rating
- True wide dynamic range
- 3.6 mm fixed lens
- 12 VDC
- Adapter plate included
- Provide OSD functionality via TruVision up the coax control

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## Technical specifications

### General

|                |                                  |
|----------------|----------------------------------|
| Technology     | HD-TVI analog                    |
| Video standard | NTSC, PAL                        |
| Display modes  | 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       | 0.0005 Lux @ (F1.0, AGC ON) |
| B/W sensitivity         | 0 Lux with white light      |
| Infrared (IR)           | Yes                         |
| IR range                | 20m                         |

### Lens

|              |        |
|--------------|--------|
| Lens type    | Fixed  |
| Focal length | 3.6 mm |
| f-stop       | f1.0   |
| Auto iris    | Yes    |

### Electrical

|                   |          |
|-------------------|----------|
| Operating voltage | 12VDC    |
| Power supply type | 12 VDC   |
| Power consumption | 3 W Max. |

### Physical

|                     |                     |
|---------------------|---------------------|
| Physical dimensions | Ø 110 x 91 mm       |
| Net weight          | 436 g               |
| Colour              | Grey (Pantone 428c) |
| Material            | Aluminium           |
| Form Factor         | Turret              |

### Environmental

|                       |                              |
|-----------------------|------------------------------|
| Environment           | Indoor / Outdoor             |
| Operating temperature | -40 to 60°C                  |
| Storage temperature   | -20 to +70°C<br>4 to +158°F  |
| Relative humidity     | 90% or less (non-condensing) |
| IP rating             | IP67                         |

### Regulatory

|            |                       |
|------------|-----------------------|
| Compliance | CE, REACH, RoHS, WEEE |
|------------|-----------------------|

### Compatible TruVision Recorders/Encoders

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

### Supported Accessories

|                                |            |
|--------------------------------|------------|
| TVD-BB3                        | Back box   |
| TVD-BB3A                       | Back box   |
| TVD-CB3 (With adapter plate)   | Cup base   |
| TVD-M2-WM (With adapter plate) | Wall Mount |

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