

# 1080p 2 Megapixel HD-TVI Bullet Camera, 5-50mm Varifocal Lens, HD-TVI / CVBS

Part: TVI-2M-328FV-WH



For surveillance applications requiring a high level of detail, HD-TVI security cameras are the solution.

HD-TVI is a HD analog solution providing displays up to 1920 x 1080 (1080p) full HD without delay over coaxial cabling up to 1640 feet.

The HD-TVI camera comes with a 5-50mm varifocal lens, providing a wider range of views for installers looking to setup the camera for various applications.

Integrated smart IR capabilities automatically adjust the IR so that images are not too overexposed or too dark depending on the proximity of the object in relation to the camera. True day/night (ICR) delivers true to life color images during the day by blocking IR, while at night, IR is turned on to display sharp black and white images at up to 164 feet to capture almost anything within the camera's view. OSD control over coax cabling enables easier configuration of camera settings without the need of a separate cable.

HD-TVI and CVBS output provides dual usage with both HD-TVI DVRs and standard analog DVRs. Additionally, rather than spending money on an expensive HD-TVI test monitor, standard CVBS test monitors can be used (Note: CVBS must be turned on in the OSD settings).

The HD-TVI camera comes with an operating range of -4°F - 122°F to work under different weather environments.

### **Advantages of HD-TVI**

- HD Video Quality without Delay - Live monitoring of uncompressed video
- Cost efficient - HD-TVI cameras cost significantly less than IP cameras because compression is performed by the DVR instead of the camera
- Coaxial cable compatible - Uses standard 75Ω RG59 or RG6 coax cables. Previously installed coax cables can be reused, making for an easy upgrade
- No network upgrades - HD-TVI does not have network congestion issues when running many channels; cameras connect directly to the DVR without using a network. No expensive network upgrades are needed
- Longer transmission distance - HD-TVI can run up to 500m (1640ft)

## Features

- 1/2.8" CMOS progressive scan image sensor at 2 megapixels
- Uses HD-TVI technology to deliver 1080p output over existing coaxial cables
- 5-50mm varifocal lens
- Metal housing for durability
- White color
- Weather resistant IP66
- 2-axis lens rotation
- 2D / 3D Digital Noise Reduction (DNR) makes sure images are clear under different environments
- Smart IR automatically changes the amount of infrared light that is used based on the proximity a subject is to the camera. This prevents images from being too overexposed or too dark
- True Day/Night (ICR) delivers sharp and clear images in low light or nighttime conditions. During the day, the IR cut filter blocks IR to produce true to life images in color. At night when the IR filter is removed and IR is active, definitive black and white images are produced
- OSD control allows adjustment of camera OSD settings easily
- OSD cable also allows to select between HD-TVI or Analog camera type

## What's Included

- 1 x 2 megapixel HD-TVI bullet security camera
- 1 x mounting hardware
- 1 x user manual

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### Specifications

<b>Image Sensor</b>	Progressive Scan CMOS
<b>Megapixel</b>	2
<b>Lens Type</b>	5-50mm Varifocal
<b>Scan System</b>	NTSC / PAL
<b>Effective Pixels</b>	1920 (H) x 1080 (V)
<b>Frame</b>	1080p 25fps / 1080 30fps
<b>Noise Reduction</b>	Supports 2D / 3D noise reduction
<b>Day / Night Mode</b>	With ICR and synchronization with IR LED
<b>Min Illumination</b>	0.01 Lux (Color) / 0 Lux (with IR)
<b>Electronic Shutter</b>	1/25 - 1/50,000 sec

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<b>IR Led</b>	4pc Array IR LED, 164ft IR Distance
<b>Video Output</b>	HD-TVI
<b>Max Transfer Distance</b>	Coaxial Cable Transmission: more than 500m
<b>OSD</b>	Yes; coaxial cable control
<b>Working Temperature</b>	-4°F - 122°F
<b>Working Voltage</b>	12V DC ± 10%, 1200mA (1.2A)
<b>Housing</b>	Metal, White
<b>Ingress Rating</b>	IP66
<b>Size</b>	11.10" (L) x 5.98" (W) x 8.66" (H)