

TVD-2403

TruVision HD-TVI Analog Dome Camera, PAL, 1080P, 2.8mm lens, true D/N, WDR, 20m IR, Dual output 960H or HD-TVI , Coax OSD control, 12VDC, IP66, Plastic

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.



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

Sensor size	1/3"
Max. resolution	1080p
Sensor scan	Progressive
Sensor type	CMOS
Total Pixels (H x V)	1920 × 1080
Effective pixels (H x V)	1920 × 1080
Digital S/N ratio	More than 52 dB
Shutter time	1/25 to 1/50,000 s
Sync. system:	Internal
Video output:	Dual HD-TVI or 960H
OSD:	Built-in OSD button, TruVision Coax OSD control on both HD-TVI and 960H

Lighting performance

WDR	120 dB
Digital noise reduction	3D DNR
Day/night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.01 Lux @ (F1.2, AGC ON), 0.034 Lux @
B/W sensitivity	0 Lux with IR on
Infrared (IR)	Yes
IR range	Up to 20 m

Lens

Lens type	Fixed
Focal length	2.8 mm @ F2.2

Network

Integration	CGI, ONVIF, PSIA
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Storage

Local storage support	No
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Electrical

Power supply value	12 VDC
Power consumption	4 W (max.)
Current consumption	300 mA

Physical

Physical dimensions	111 x 82 mm
Net weight	345 g
Form Factor	Dome

Environmental

Environment	Outdoor
Operating temperature	-30 to 60°C
Storage temperature	-20 to +70°C -4 to +158°F
IP rating	IP66

Accessory

Coax OSD controller:	TVS-C200
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Last updated on 11 March 2020 - 15:40



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