TVD-6105

TruVision HD-TVI analog dome camera, 8MPX, 2.7 to 13.5 mm motorized lens, 60 m IR, 12 VDC/24 VAC, IP67

Product 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

- 8MPx HD-TVI resolution
- HD-TVI technology for transmitting high 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 80 m
- IP67 environmental rating
- True wide dynamic range
- 2.7 to 13.5 mm lens
- 12 VDC or 24 VAC
- Provide OSD functionality via TruVision up the coax control
- Back box included

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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	8 MP (4K)
Sensor scan	Progressive
Sensor type	CMOS
Effective pixels (H x V)	3840 x 2160
Shutter time	1/12.5 s (PAL) or 1/15 s (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	60 m

Lens

Lens type	Varifokal motoriseret
Focal length	2.7 to 13.5 mm
f-stop	f1.2
Auto iris	Yes
Auto focus	Yes
Motorized zoom	Yes

Electrical

Operating voltage	12 VDC or 24 VAC
Power supply type	12 VDC, 24 VAC
Power consumption	8.2 W max.

Physical

Physical dimensions	84.5 x 92 x 255.1 mm
Net weight	925 g
Colour	Grå (Pantone 428c)
Material	Aluminium
Form Factor	Dome

Environmental

Impact rating	IK10
Environment	Indendør, Udendørs
Operating temperature	-40 to +60°C
Relative humidity	<90%, noncondensing
IP rating	IP67

Regulatory

Compliancy	CE, REACH, RoHS, WEEE

Compatible TruVision Recorders/Encoders

TVR12HD	(View max. 1080p, Record max. 1080p @ 12 fps)
TVR44HD	(Record/View max. 1080p)
TVR15HD	(Record/View max. 1080p)
TVR45HD	(Record/View max. 1080p)
TVR46HD	(View max. 8Mpx @ 12.5fps, Record max. 8Mpx @ 8 fps)
TVE-110/410/810/1610	(not compatible)
TVE-120/420	(View max. 5Mpx @ 12 fps, Record max. 5Mpx @ 12 fps)
TVE-820/1620	(View max. 8Mpx @ 12 fps, Record max. 8Mpx

Compatible products

Category	Reference	Description
Brackets & Mounts	TVD-CB3	TruVision Dome 3 inch Cup Base for TruVision varifocal turret cameras
Brackets & Mounts	TVD-LWB-2	TruVision Dome Bracket, L-Shape (TVD-6/7, TVD-22/42 Analog VF Domes, TVD-24/44 HD-TVI Analog VF Domes, TVD-11/31 , TVD-12/32 IP VF domes)

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