

HD-TVI Analog Bullet Cameras

3MPx and 5MPx
Resolution Cameras



OVERVIEW

TruVision® HD-TVI Bullet Cameras from Interlogix deliver cost-effective surveillance with 3MPx or 5MPx resolution HD-TVI technology over existing coaxial cable. Ideal for new or existing projects, HD-TVI Bullet Cameras are quick and easy to install and can help users stay within budget constraints without compromising security needs.

HD-TVI Bullet Cameras offer a familiar form-factor that features a pre-installed wall mount with cable management and is IP rated for outdoor installation. With the ability to see in low-light conditions, HD-TVI Bullet Cameras provide color images by day and black-and-white images in night-time applications; in conjunction with IR illumination.

These cameras are specifically designed for use with TruVision HD-TVI DVRs that support 3MPx or higher resolution HD-TVI cameras. There is no limitation for 3MPx resolution cameras (up to max channels). Support for 5MPx resolution is limited to specific BNC ports, based on the recorder. Refer to the TruVision HD-TVI recorder guidelines for more details. Please note that first generation TruVision HD-TVI DVRs will not support these cameras.



STANDARD FEATURES

Video

- 3MPx HD or 5MPx resolution options
- HD-TVI or 960H output, selectable on 3MPx models
- HD-TVI output on 5MPx models
- Fixed or motorized varifocal lens options
- HD-TVI technology for transmitting HD quality video over existing coax cable

Video Enhancements

- 3MPx models provide Wide Dynamic Range (WDR), 120dB
- 5MPx models provide Digital Wide Dynamic Range (DWDR)
- True Day/Night functionality and infrared illuminators with Smart IR function for capturing images in various lighting scenarios

Installation and Environment

- IP66 Environmental rating for the 3MPx models
- IP67 Environmental rating for the 5MPx models
- Coax OSD control
- Cable protection/management
- Multiple mounting options

Warranty

- 3-year warranty

Specifications

	TVB-4407 TVB-2407	TVB-4408 TVB-2408	TVB-4409 TVB-2409	TVB-4410 TVB-2410	
					
Camera	Image Sensor	1/3" CMOS		5 MPx Progressive Scan CMOS	
	Standard	HD-TVI		HD-TVI	
	Signal System	NTSC/PAL		NTSC/PAL	
	Resolution	3MPx Analog		5MPx Analog	
	Effective Pixels	2052 (H) x 1536 (V)		2592 (H) x 1944 (V)	
	Selectable via OSD (using higher resolution DVR)			2560 (H) x 1944 (V) @ 12.5 fps or 1920 (H) x 1080 (V) @ 25/30 fps	
	Synchronization	Internal			
	Day/Night	Day/Night IR cut filter with auto switch			
	Wide Dynamic Range	> 120 dB		DWDR	
	Electronic Shutter	NTSC: 1/30 s to 1/50,000 s; PAL: 1/25 s to 1/50,000 s			
	Minimum Illumination	0.01 lux @ f1.2 (AGC On); 0 lux with IR			
	Digital S/N Ratio	> 62 dB			
	Lens	3.6mm fixed	2.8–12mm motorized VF	3.6mm fixed	2.8-12mm motorized VF
	IR Range	66 ft. (20m)	132 ft. (40m)	66 ft. (20m)	132 ft. (40m)
	On Screen Display (OSD)	TruVision® Coax OSD control on TVI	TruVision Coax OSD control on TVI or OSD menu button	TruVision Coax OSD control on TVI	TruVision Coax OSD control on TVI or OSD menu button
OSD Languages	English/Chinese				
Video Output	3MPx TVI or 960H Analog		5MPx or 1080P TVI (only selectable via OSD when connected to 5MPx TVI recorder)		
Video Connector	1 - 75W BNC				
Intelligence	Mirror, Defect pixel correction, Smart IR				
Electrical/Mechanical	Voltage Input	12VDC	12VDC/24VAC	12VDC	12VDC/24VAC
	Current	417 mA	12VDC: 750 mA; 24VAC: 400 mA	290mA	12VDC: 790mA; 24VAC: 660mA
	Power Consumption	5W (Max.)	12VDC: 9W (Max.); 24VAC: 12W (Max.)	3.5W (Max.)	12VDC: 9.5W (Max.); 24VAC: 9.5W (Max.)
	Dimensions	2.3 x 6.08 in. (58.2 x 154.5mm)	3.7 x 10.45 in. (94.7 x 265.4mm) without back box; 3.7 x 11.56 in. (94.7 x 293.7mm) with back box	2.3 x 6.08 in. (58.2 x 154.5mm)	3.7 x 10.45 in. (94.7 x 265.4mm), without back box 3.7 x 11.56 in. (94.7 x 293.7 mm), with back box
	Weight	0.82 lbs. (370g)	1.98 lbs. (900g) without back back; 2.39 lbs. (1083.2g) with back box	0.82 lb (370g)	1.98 lbs (900g), without back box 2.39 lbs (1083.2), with back box
Environmental	Operating Temperature (cold start)	-40°F--140°F (-40°--60°), Humidity <90% (non-condensing)			
	Environmental Rating	IP66		IP67	
Regulation	Compliance				
	FCC, CE, UL, WEEE, RoHS, REACH				

Important Notes: There are restrictions/rules when using HD-TVI 5MPx cameras with TruVision TVI recorders:

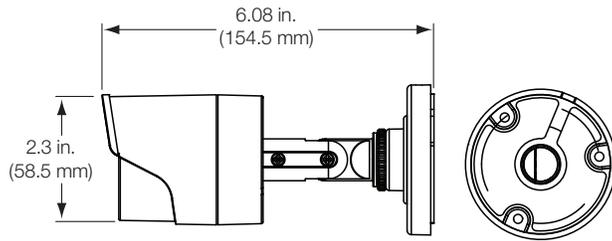
- The HD-TVI 5MPx cameras only work with the higher resolution HD-TVI recorders (TVR15HD or TVR45HD, or higher), firmware version 1.1 (or higher)
- There is a maximum number of HD-TVI 5MPx cameras that are supported per TruVision HD-TVI recorder
- The HD-TVI 5MPx cameras are only supported on specific ports of the TruVision HD-TVI Recorders

Guidelines:

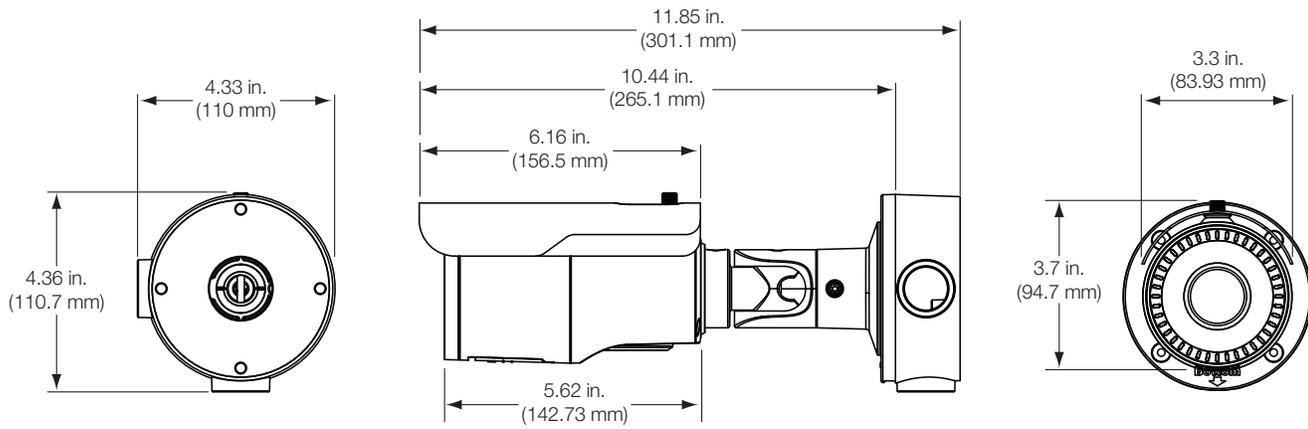
- The TVR15HD Four Channel recorder, (FW v1.1 or higher) – supports a maximum of one HD-TVI 5MPx camera on BNC port 1.
- The TVR15HD/TVR45HD Eight Channel recorders, (FW v1.1 or higher) – supports up to two HD-TVI 5MPx cameras on BNC ports 1 and 2.
- The TVR15HD/TVR45HD Sixteen Channel recorders, (FW v1.1 or higher) – supports up to four HD-TVI 5MPx cameras on BNC ports 1, 2, 3 and 4.

Dimensional Diagrams

TVB-4407, TVB-2407, TVB-4409, TVB-2409 Fixed Bullet Camera



TVB-4408, TVB-2408, TVB-4410, TVB-2410 Motorized Varifocal Bullet Camera (back box included)



HD-TVI Analog Bullet Cameras

3MPx and 5MPx Resolution Cameras

Ordering Information

NTSC

TVB-4407	TruVision® HD-TVI Analog Bullet Camera, 3MPx (use with 3MPx or higher TVI Recorders), 3.6mm Lens, True D/N, WDR, 20m IR, Dual Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, NTSC
TVB-4408	TruVision HD-TVI Analog Bullet Camera, 3MPx (use with 3MPx or higher TVI Recorders), 2.8~12mm Motorized Lens, True D/N, WDR, 40m IR, Dual Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, NTSC
TVB-4409	TruVision HD-TVI Analog Bullet Camera, 5MPx (used w/5MPx or higher TVI recorders), 3.6mm lens, true D/N, DWDR, 20M IR, HD-TVI Output, Coax OSD control, 12VDC, IP67, NTSC
TVB-4410	TruVision HD-TVI Analog Bullet Camera, 5MPx (used w/5MPx or higher TVI recorders), 2.8~12mm motorized lens, true D/N, DWDR, 40M IR, HD-TVI Output, Coax & button OSD control, 12VDC/24VAC, IP67, NTSC

PAL

TVB-2407	TruVision HD-TVI Analog Bullet Camera, 3MPx (use with 3MPx or higher TVI Recorders), 3.6mm Lens, True D/N, WDR, 20m IR, Dual Output 960H Monitor or HD-TVI, Coax OSD Control, 12VDC, IP66, PAL
TVB-2408	TruVision HD-TVI Analog Bullet Camera, 3MPx (use with 3MPx or higher TVI Recorders), 2.8~12mm Motorized Lens, True D/N, WDR, 40m IR, Dual Output 960H Monitor or HD-TVI, Coax & Button OSD Control, 12VDC/24VAC, IP66, PAL
TVB-2409	TruVision HD-TVI Analog Bullet Camera, 5MPx (used w/5MPx or higher TVI recorders), 3.6mm lens, true D/N, DWDR, 20M IR, HD-TVI Output, Coax OSD control, 12VDC, IP67, PAL
TVB-2410	TruVision HD-TVI Analog Bullet Camera, 5MPx (used w/5MPx or higher TVI recorders), 2.8~12mm motorized lens, true D/N, DWDR, 40M IR, HD-TVI Output, Coax & button OSD control, 12VDC/24VAC, IP67, PAL

Accessories

For TVB-4407/TVB-2407 and TVB-4409/TVB-2409 (Fixed Lens Bullet)

TVB-BB1	TruVision Bullet Back Box (for fixed lens bullet only)
TVB-2G-AD	TruVision Double Gang Box Adapter Plate (for fixed lens bullet or LWB wall mount)



interlogix.com

Specifications subject to change without notice.

© 2017 United Technologies Corporation.
All rights reserved.

All trademarks are the property of their respective owners.
Interlogix is part of UTC Climate, Controls & Security,
a unit of United Technologies Corporation.

2017/08 88471