

# TruVision™ Line IR Cameras

A complete line of infrared cameras ideal for a wide range of indoor and outdoor applications



## OVERVIEW

The TruVision™ line includes a comprehensive family of infrared (IR) cameras for stand-alone or integrated installations designed for optimal image quality. Ideal for surveillance system installations ranging from convenience stores to retail mall parking lots, the TruVision IR line has the right cameras for your job and can help you stay within budget constraints without compromising security needs.

These cameras can see in total darkness, providing color images by day and black-and-white images under IR operation in low-light applications. Form factors include omni-directional dome and traditional bullet cameras. Dome models allow for ceiling or wall mounting while still maintaining a level field of view. Single gang adaptor plates are included with the medium resolution (MR) and high resolution (HR) dome models, while the bullet models offer a familiar form factor that features a pre-installed wall mount with cable pass management. TruVision IR dome and bullet cameras are also available in fixed lens and varifocal lens models, while the MR and HR bullet models feature true day/night capabilities.

Optional feature bundles for resolution, lens options, IR range and form factors allow you to select the appropriate camera for your needs. All TruVision IR cameras are designed to install quickly and easily, right out of the box, so you can be up and running in no time.

Best of all, the TruVision IR line of cameras is backed by a three-year warranty, valid from the original purchase date. For superior quality and performance, Interlogix delivers the level of products you'd expect from a leader in the video surveillance market.

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## APPLICATION

Built for long-lasting service and plug-and-play functionality, the TruVision IR line provides a value-based solution that is ideal for applications ranging from residential to office buildings.

Designed for low-light and complete-darkness environments, TruVision cameras' balanced IR capabilities and multiple resolution options offer the perfect camera for each situation. With weather-resistant options that are well suited for indoor and outdoor applications, TruVision cameras represent sensible, secure video surveillance you can depend on.

## STANDARD FEATURES

- High resolution from 600TVL to 650TVL
- Multiple varifocal and fixed lens options with balanced IR illumination for optimal viewing
- IP67 rating weather-resistant enclosures
- Removable IR Cut Filters, offering accurate focus in both day & night conditions (MR6 and HR6 bullet models)
- Integrated bracket with hidden cable management (MR6 and HR6 bullet models)

## TRUVISION IR CAMERA SPECIFICATIONS

	TVC-BIR6-SR (-P)	TVD-TIR6-SR (-P)	TVC-BIR6-MR (-P)	TVD-TIR6-MR (-P)	TVC-BIR6-HR (-P)	TVD-TIR6-HR (-P)
						
Description	Standard Res Bullet	Standard Res Turret	Medium Res Bullet with Wall mount and Pre-installed Cable Management	Medium Res Turret	High Res Bullet with Wall mount and Pre-installed Cable Management	High Res Turret
Pickup Device	1/3 in. color CCD sensor		Sony Effio 1/3 in. color CCD			
Total Pixels	NTSC: 811 × 508 PAL: 795 × 596				NTSC: 1028 × 508 PAL: 1028 × 596	
Effective Pixels (HxV)	NTSC: 768 × 494 PAL: 752 × 582				NTSC: 976 × 494 PAL: 976 × 582	
Resolution	600 TVL				650TVL	
Synchronization System	Internal					
Scanning Mode	2:1 interlace					
True D/N IR Cut Filter	No	No	Yes	Yes	Yes	Yes
S/N Ratio	>48 dB (AGC Off)	>48 dB (AGC Off)	>50 dB (AGC Off)	>48 dB (AGC Off)	>52 dB (AGC Off)	>52 dB (AGC Off)
Electronic Shutter	PAL: 1/50 s to 1/10,000 s NTSC: 1/60 s to 1/10,000 s					
Minimum Illumination	0.2 lux color / F2.0 0.00 lux IR On			0.2 lux color / F1.5 0.00 lux IR On	0.15 lux color / F1.2 0.00 lux IR On	0.1 lux color / F1.2 0.00 lux IR On
IR Illumination Range	49 ft. (15 m)		82 ft. (25 m)		180 ft. (55 m)	82 ft. (25 m)
Video Output	1 Vp-p composite output (75 Ω/BNC)					
White Balance	AWB					
Lens Type	3.6 mm fixed		3.3 to 12 mm varifocal		6 to 50 mm varifocal	3.3 to 12 mm varifocal
Power Supply	12VDC		12VDC/24 VAC			
Current	260 mA (IR On)	190 mA (IR On)	12VDC/590 mA max. 24VAC/535 mA max.	12VDC/470 mA max. 24VAC/415 mA max.	12VDC/630 mA max. 24VAC/560 mA max.	12VDC/450 mA max. 24VAC/400 mA max.
Power Consumption	Max 3.12 W (IR On)	Max 2.28 W (IR On)	12VDC/7.08 W max. 24VAC/6.8 W max.	12VDC/5.64 W max. 24VAC/5 W max.	12VDC/7.56 W max. 24VAC/6.8 W max.	12VDC/5.4W max. 24VAC/4.8 W max.
Operating Temperature (Cold Start)	-10 to +50°C (14 to 122°F)					
Operating Temperature	-30 to +50°C (-22 to 122°F)					
Weight	310 g (0.7 lb.)	390 g (0.86 lb.)	945 g (2.08 lb.)	760 g (1.7 lb.)	1085 g. (2.39 lb)	760 g (1.7 lb.)
Weatherproof	IP67					

# TruVision™ Line IR Cameras

North America  
T 855-286-8889

Asia  
T 852-2907-8108

Australia  
T 61-3-9239-1200

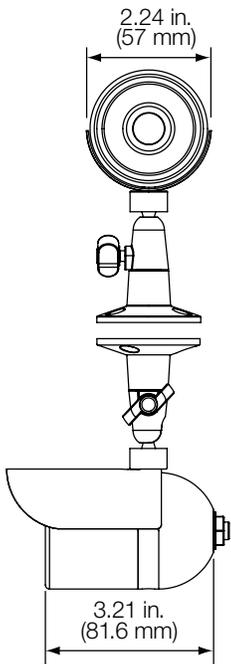
Europe  
T 32-2-725-11-20

Latin America  
T 561-998-6114

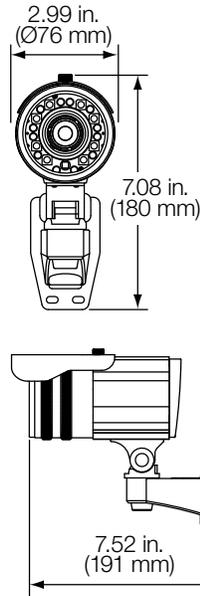
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## Dimensional Diagrams

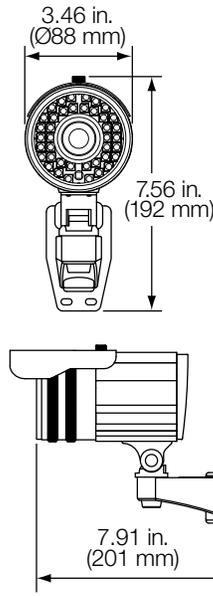
TVC-BIR6-SR (-P)



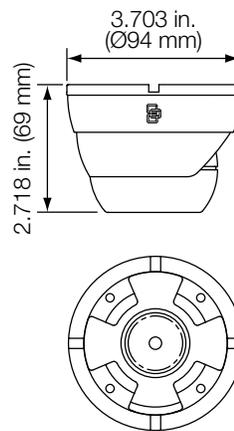
TVC-BIR6-MR (-P)



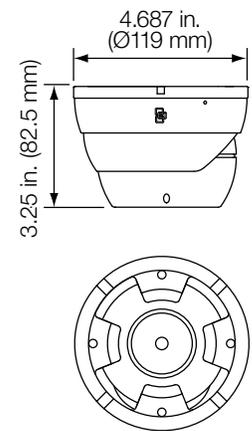
TVC-BIR6-HR (-P)



TVD-TIR6-SR (-P)



TVD-TIR6-MR (-P) and  
TVD-TIR6-HR (-P)



## Ordering Information

### NTSC

TVC-BIR6-SR	TruVision IR Bullet Camera, 600 TVL, 3.6mm fixed lens, IR 15m 12 VDC, NTSC
TVD-TIR6-SR	TruVision IR Dome Camera, 600 TVL, 3.6mm fixed lens, IR 15m 12 VDC, NTSC
TVC-BIR6-MR	TruVision IR Bullet Camera, 600 TVL, 3.3 to 12 mm VF lens, True day/night, IR 25m 12 VDC/24 VAC, NTSC
TVD-TIR6-MR	TruVision IR Dome Camera, 600 TVL, 3.3 to 12 mm VF lens, IR 25m 12 VDC/24 VAC, NTSC
TVC-BIR6-HR	TruVision IR Bullet Camera, 650 TVL, 6 to 50 mm VF lens, True day/night, IR 55m 12 VDC/24 VAC, NTSC
TVD-TIR6-HR	TruVision IR Dome Camera, 650 TVL, 3.3 to 12 mm VF lens, IR 25m 12 VDC/24 VAC, NTSC

### PAL

TVC-BIR6-SR-P	TruVision IR Bullet Camera, 600 TVL, 3.6mm fixed lens, IR 15m 12 VDC, PAL
TVD-TIR6-SR-P	TruVision IR Dome Camera, 600 TVL, 3.6mm fixed lens, IR 15m 12 VDC, PAL
TVC-BIR6-MR-P	TruVision IR Bullet Camera, 600 TVL, 3.3 to 12 mm VF lens, True day/night, IR 25m 12 VDC/24 VAC, PAL
TVD-TIR6-MR-P	TruVision IR Dome Camera, 600 TVL, 3.3 to 12 mm VF lens, IR 25m 12 VDC/24 VAC, PAL
TVC-BIR6-HR-P	TruVision IR Bullet Camera, 650 TVL, 6 to 50 mm VF lens, True day/night, IR 55m 12 VDC/24 VAC, PAL
TVD-TIR6-HR-P	TruVision IR Dome Camera, 650 TVL, 3.3 to 12 mm VF lens, IR 25m 12 VDC/24 VAC, PAL

Specifications subject to change without notice.

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