

TruVision™ Line IR cameras

Standard-Res Fixed Lens Cameras

- TruVision™ Cam IR Bullet (TVC-BIR-SR)
- TruVision™ Dome IR (TVD-TIR-SR)

Mid-Res Varifocal Lens Cameras

- TruVision™ Cam IR Bullet (TVC-BIR-MR)
- TruVision™ Dome IR (TVD-TIR-MR)

High-Res Varifocal Lens Cameras

- TruVision™ Cam IR Bullet (TVC-BIR-HR)
- TruVision™ Dome IR (TVD-TIR-HR)



Overview

The TruVision™ line from GE Security includes a comprehensive family of infrared (IR) cameras for stand-alone or basic integrated installations that are flexible and scalable to accommodate future growth. 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 flexible 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 MR and HR dome models, while the bullet models offer a familiar form factor that can also be ceiling or wall mounted. TruVision IR dome and bullet cameras are also available in fixed lens and varifocal lens models.

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

Standard Features

- Balanced IR illumination for optimal viewing in low- to no-light environments
- Dome and bullet form factors provide flexible installation options and ensure the right camera for the job
- Up to IP67 ratings for weather-resistant performance (depending on model)
- Flexible resolutions from 380 TVL to 530 TVL so you can choose the level of performance required for the job
- Varifocal and fixed lens options available
- Compatible with all analog CCTV recording devices and equipment

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.

TruVision IR Cameras Application Matrix

GE SKU	TVC-BIR-SR	TVD-TIR-SR	TVC-BIR-MR	TVD-TIR-MR	TVC-BIR-HR	TVD-TIR-HR
Recommended Use*						
Residential	Outdoor	Indoor	Outdoor	Indoor		Indoor
Retail	Outdoor	Indoor	Outdoor	Indoor		Indoor
Office building	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor
School		Indoor		Indoor		Indoor
Parking lot			Outdoor		Outdoor	

*Although recommended use is indoor, TruVision™ IR Domes (TVD-TIR-SR, TVD-TIR-MR, TVD-TIR-HR) are rated IP66 and above and can be used in outdoor applications if desired.

TruVision™ IR Camera Comparisons

	GE SKU	TVC-BIR-SR	TVD-TIR-SR	TVC-BIR-MR	TVD-TIR-MR	TVC-BIR-HR	TVD-TIR-HR
GE Description							
	TruVision™ Cam IR Bullet, Standard-Res Fixed Lens Camera, 12VDC only	TruVision™ Dome IR, Standard-Res Fixed Lens Camera, 12VDC only	TruVision™ Cam IR Bullet, Mid-Res Varifocal Lens Camera, 24VAC/12VDC	TruVision™ Dome IR, Mid-Res Varifocal Lens Camera, 12VDC only	TruVision™ Cam IR Bullet, High-Res Varifocal Lens Camera, 24VAC/12VDC	TruVision™ Dome IR, High-Res Varifocal Lens Camera, 12VDC only	
Camera	Pick-up device	1/3" Interline transfer CCD	1/3" Interline transfer CCD	1/3" Interline transfer CCD	1/3" Interline transfer CCD	1/3" Interline transfer CCD	1/3" Interline transfer CCD
	Total pixels	NTSC: 537(H) x 505(V) PAL: 537(H) x 505(V)	NTSC: 537(H) x 505(V) PAL: 537(H) x 505(V)	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)
	Effective pixels	NTSC: 510(H) x 492(V) PAL: 500(H) x 582(V)	NTSC: 510(H) x 492(V) PAL: 500(H) x 582(V)	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)
	Resolution	380 TV lines	380 TV lines	480 TV lines	480 TV lines	530 TV lines	530 TV lines
	Sync. system	2.1 internal	2.1 internal	2.1 internal	2.1 internal	2.1 internal	2.1 internal
	Scanning system	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields	NTSC 525 Lines/30 Fields PAL 625 Lines/50 Fields
	S/N ratio	More than 48dB (AGC OFF)	More than 52dB (AGC OFF)	More than 48dB (AGC OFF)	More than 49dB (AGC OFF)	More than 48dB (AGC OFF)	More than 49dB (AGC OFF)
	Electronic shutter	Auto 1/60 (1/50)- 1/100,000 sec.	Auto 1/60 (1/50)- 1/100,000 sec.	Auto 1/60 (1/50)- 1/100,000 sec.	Auto 1/60 (1/50)- 1/100,000 sec.	Auto 1/60 (1/50)- 1/100,000 sec.	Auto 1/60 (1/50)- 1/100,000 sec.
	Min. illumination	0.4 lux color / F2.0 0.00 lux IR ON	0.4 lux color / F2.0 0.00 lux IR ON	0.3 lux color / F2.0 0.00 lux IR ON	0.3 lux color / F2.0 0.00 lux IR ON	0.5 lux color / F2.0 0.00 lux IR ON	0.5 lux color / F2.0 0.00 lux IR ON
	Video output	Composite 1.0 Vp-p / 75 ohm	Composite 1.0 Vp-p / 75 ohm	Composite 1.0 Vp-p / 75 ohm	Composite 1.0 Vp-p / 75 ohm	Composite 1.0 Vp-p / 75 ohm	Composite 1.0 Vp-p / 75 ohm
	IR distance	50 ft./15 m (18 pcs IR LED)	33 ft./10 m (14 pcs IR LED)	82 ft./25 m (20 pcs IR LED)	66 ft./20 m (28 pcs IR LED)	180 ft./55 m (40 pcs IR LED)	66 ft./20 m (28 pcs IR LED)
	IR trigger	2.6 lux/2.7 lux IR ON/OFF	2.6 lux/2.7 lux IR ON/OFF	2.6 lux/2.7 lux IR ON/OFF	3.1 lux/3.7 lux IR ON/OFF	3.1 lux/3.7 lux IR ON/OFF	3.1 lux/3.7 lux IR ON/OFF
	Lens type	Board lens: 4.3 mm	Board lens: 4.3 mm	Varifocal lens: 3.5–12 mm	Varifocal lens: 3.5–8 mm	Varifocal lens: 6–50 mm	Varifocal lens: 3.5–8 mm
Single gang mounting plate	N/A	No	N/A	Yes	N/A	Yes	
Electrical	Power source	12VDC	12VDC	24VAC/12VDC	12VDC	24VAC/12VDC	12VDC
	Power consumption	6.0W (Max)	5.9W (Max)	10W (Max)	5.9W (Max)	14.3W (Max)	6.2W (Max)
	Current	110mA (IR OFF) 350mA (Max)	110mA (IR OFF) 250mA (Max)	12VDC: 250mA (IR OFF) 12VDC: 740mA (Max) 24VAC: 290mA (IR OFF) 24VAC: 650mA (Max)	120mA (IR OFF) 400mA (Max)	12VDC: 260mA (IR OFF) 12VDC: 1.2A (Max) 24VAC: 290mA (IR OFF) 24VAC: 960mA (Max)	150mA (IR OFF) 430mA (Max)
Environmental & Physical	Weight	11 oz./ .31 kg	14 oz./ .39 kg	26 oz./ .75 kg	26 oz./ .76 kg	33 oz./ .93 kg	26 oz./ .76 kg
	Dimensions	2.24 in. (W) x 2.42 in. (H) x 3.95 in. (D) (57 mm x 61.5 mm x 100.3 mm)	3.7 in. (W) x 2.72 in. (H) (94 mm x 69 mm)	2.99 in. (W) x 3.27 in. (H) x 6.14 in. (D) (76 mm x 83 mm x 156 mm)	4.69 in. (W) x 3.25 in. (H) (119 mm x 82.5 mm)	3.46 in. (W) x 3.74 in. (H) x 6.93 in. (D) (88 mm x 95 mm x 176 mm)	4.69 in. (W) x 3.25 in. (H) (119 mm x 82.5 mm)
	Operation temperature	-10 to 50° C 14 to 122° F	-10 to 50° C 14 to 122° F	-10 to 50° C 14 to 122° F	-10 to 50° C 14 to 122° F	-10 to 50° C 14 to 122° F	-10 to 50° C 14 to 122° F
	Storage temperature	-20 to 70° C -4 to 158° F	-20 to 70° C -4 to 158° F	-20 to 70° C -4 to 158° F	-20 to 70° C -4 to 158° F	-20 to 70° C -4 to 158° F	-20 to 70° C -4 to 158° F
	Weather resistant	IP67	IP67	IP67	IP66	IP67	IP66
Regulatory	Regulatory certification	CE/FCC RoHS DecaBDE C-Tick	CE/FCC RoHS DecaBDE C-Tick	CE/FCC RoHS DecaBDE C-Tick	CE/FCC RoHS DecaBDE C-Tick	CE/FCC RoHS DecaBDE C-Tick	

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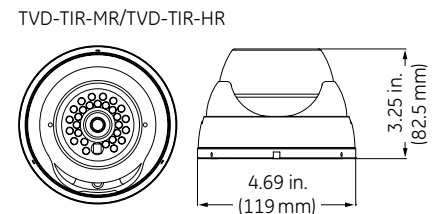
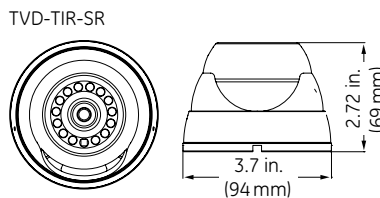
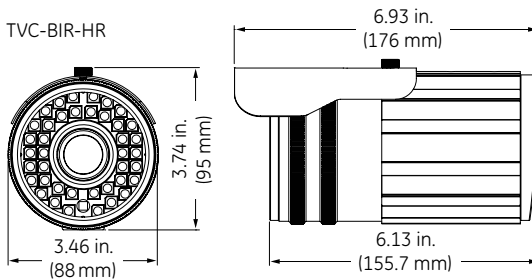
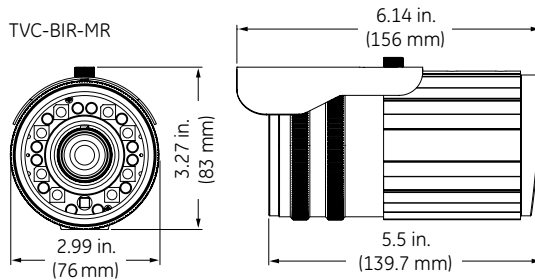
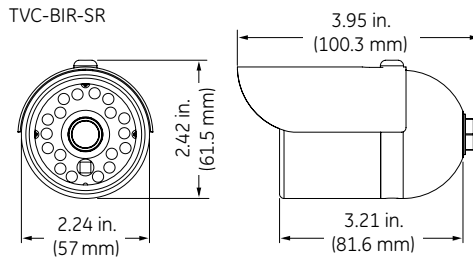
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In 2008 GE Security was named the North American Video Surveillance Solutions Company of the Year by Frost & Sullivan.



Ordering Information

TVC-BIR-SR	TruVision™ Cam IR Bullet Standard-Res Camera, 380 TVL Color, 4.3 mm Fixed Lens, 49.2 ft./15 m IR Range, 12VDC only
TVD-TIR-SR	TruVision Dome IR Standard-Res Camera, 380 TVL Color, 4.3 mm Fixed Lens, 32.8 ft./10 m IR Range, 12VDC only
TVC-BIR-MR	TruVision Cam IR Bullet Mid-Res Camera, 480 TVL Color, 3.5–12 mm Varifocal Lens, 82 ft./25 m IR Range, 24VAC/12VDC
TVD-TIR-MR	TruVision Dome IR Mid-Res Camera, 480 TVL Color, 3.5–8.0 mm Varifocal Lens, 65.6 ft./20 m IR Range, 12VDC only
TVC-BIR-HR	TruVision Cam IR Bullet High-Res Camera, 530 TVL Color, 6.0–50.0 mm Varifocal Lens, 180.4 ft./55 m IR Range, 24VAC/12VDC
TVD-TIR-HR	TruVision Dome IR High-Res Camera, 530 TVL Color, 3.5–8.0 mm Varifocal Lens, 65.6 ft./20 m IR Range, 12VDC only
TVC-BIR-SR-P	TruVision Cam IR Bullet Standard-Res Camera, 380 TVL Color, 4.3 mm Fixed Lens, 49.2 ft./15 m IR Range, 12VDC only, PAL
TVD-TIR-SR-P	TruVision Dome IR Standard-Res Camera, 380 TVL Color, 4.3 mm Fixed Lens, 32.8 ft./10 m IR Range, 12VDC only, PAL
TVC-BIR-MR-P	TruVision Cam IR Bullet Mid-Res Camera, 480 TVL Color, 3.5–12 mm Varifocal Lens, 82 ft./25 m IR Range, 24VAC/12VDC, PAL
TVD-TIR-MR-P	TruVision Dome IR Mid-Res Camera, 480 TVL Color, 3.5–8.0 mm Varifocal Lens, 65.6 ft./20 m IR Range, 12VDC only, PAL
TVC-BIR-HR-P	TruVision Cam IR Bullet High-Res Camera, 530 TVL Color, 6.0–50.0 mm Varifocal Lens, 180.4 ft./55 m IR Range, 24VAC/12VDC, PAL
TVD-TIR-HR-P	TruVision Dome IR High-Res Camera, 530 TVL Color, 3.5–8.0 mm Varifocal Lens, 65.6 ft./20 m IR Range, 12VDC only, PAL



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