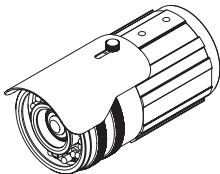
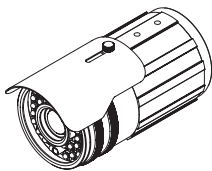


GE
Security

TruVision Bullet IR Camera Pocket Guide



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FCC compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

EU directives

2004/108/EC (EMC directive). Non-European manufacturers must designate an authorized representative in the Community. Our authorized manufacturing representative is GE Security B.V., Kelvinstraat 7, 6003 DH Weert, Nederland.



2002/96/EC (WEEE directive). Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information, visit www.recyclethis.info.

Regulatory



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Introduction

This is the GE *TruVision Bullet IR Camera Pocket Guide* for models TVC-BIR-MR and TVC-BIR-HR. This pocket guide describes a standard installation.

Overview

The TruVision Bullet IR Camera consists of the following:

- Camera with power and video output cables
- Flying lead

Figure ① shows the parts of the camera, and figure ② show the lens, IR LEDs, and the light sensor.

1

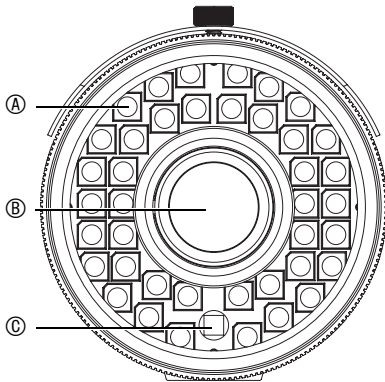


Ⓐ Sunshield

Ⓑ Power and video cable

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Ⓐ LED IR lights (total number of lights varies by model)

Ⓑ Lens

Ⓒ Light sensor

Installation

Note: When installing the TVC-BIR-MR or TVC-BIR-HR, please use the optional bracket, TVC-BIR-WM, which is sold separately.

To install the camera, do the following.

1. Using the mount as a template, place it level against the mounting surface and mark the position of the mounting holes.
2. Following all local codes, drill and prepare the mounting holes.
3. Securely fasten the mount to the mounting surface with the appropriate fasteners.
4. If needed, seal all mounting holes so that no moisture can leak into the mounting surface.

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5. Screw the camera into the mounting bracket. Ensure that the camera is firmly attached to the bracket.
6. Connect a 75 ohm coaxial video cable to the video cable, and connect a 12 VDC power supply to the power cable.
7. Adjust the camera position and angle as required.

Specifications

Image sensor	1/3 in. color CCD sensor
Total pixels	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)
Effective pixels	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)
Synchronizing system	2:1 internal
Scanning system	NTSC: 525 lines, 60 fields PAL: 625 lines, 50 fields
Video output	1.0 Vp-p / 75 ohm composite
Electronic shutter	NTSC: 1/60 to 1/100,000 second PAL: 1/50 to 1/100,000 second

Variable Focal Lens	TVC-BIR-MR: 3.5 to 12 mm TVC-BIR-HR: 6 to 50 mm
IR cut	On
DC drive type	On
S/N ratio	More than 48 dB (AGC off)
Minimum illumination	TVC-BIR-MR: 0.07 lux color / F1.4 0.00 lux IR on TVC-BIR-HR: 0.2 lux color / F1.6 0.00 lux IR on
Weatherproof	IP67
IR distance	TVC-BIR-MR: 82 ft. (25 m) (20 IR LEDs) TVC-BIR-HR: 180 ft. (55 m) (40 IR LEDs)
IR trigger	3.1 lux / 3.7 lux (IR on/off)
Power supply	24 VAC/12 VDC

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Current	TVC-BIR-MR: 280 mA (IR OFF) 900 mA (IR ON)
	TVC-BIR-HR: 280 mA (IR OFF) 1300 mA (IR ON)
Power consumption	TVC-BIR-MR: 10 W maximum TVC-BIR-HR: 14.3 W maximum
Weight	TVC-BIR-MR: 1.7 lb. (0.75 kg) TVC-BIR-HR: 2.1 lb. (0.93 kg)
Dimension (W x H x diam.)	TVC-BIR-MR: 3 x 3.27 x 5.53 in. (76 x 83 x 140.5 mm) TVC-BIR-HR: 3.5 x 3.74 x 6.2 in. (88 x 95 x 156.5 mm)
Operating temp.	14 to 122°F (-10 to 50°C)
Storage temp.	-4 to 158°F (-20 to 70°C)

Contacting us

For help installing, operating, maintaining, and troubleshooting this product, refer to this document and any other documentation

provided. If you still have questions, see [Contact information](#) on page 10.

Note: Be ready at the equipment before calling.

Online resources

Here are some useful links on our website www.gesecurity.com:

Online library. From the *Customer Support* menu, select the [Resource Library](#) link. After you register and log on, you may search for the documentation you need.¹ (For translated manuals, contact your local supplier.)

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1. Many GE documents are provided in English only as PDFs. To read these documents, you will need Adobe Reader, which you can download free from Adobe's website at www.adobe.com.

Training. To view any available online training for GE Security products, select the [Training](#) link. (Online training is not available for all products.)

Warranty and terms. From the *Customer Support* menu, select [Return and Warranty Policy Statement](#) or [Terms and Conditions Policy Statement](#).

Customer service and technical support. From the *Customer Support* menu, select [Customer Service](#) or [Technical & Application](#). Select a product category for the contact information or use the menu to select a location outside the US.

Contact information

North America

T: 888 GE Security. Toll-free in US, Puerto Rico, Canada.
503.885.5700 outside the toll-free area.

F: 888.329.0332 (Tualatin tech support)
561.998.6232 (Boca Raton tech support)

E: nstechsrv@ge.com
gesecurity.customerservice@ge.com

Latin America

T: 305.593.4301 F: 305.593.4300

E: InfraSec.TechnicalServicesLatinAmerica@ge.com
InfraSecCustomerService.LatinAmerica@ge.com

Europe, Middle East, and Africa

W: At www.gesecurity.eu, select *Customer Support*.

China, India, Singapore, Taiwan, Southeast Asia

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Australia, New Zealand

E: techsupport@gesecurity.com.au