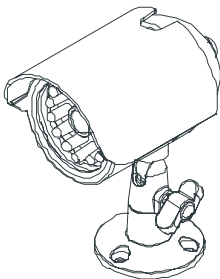


GE
Security

TruVision Bullet IR Camera Pocket Guide



1065693A

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Document num/rev: **1065693A** (November 2008).

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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 model TVC-BIR-SR. This pocket guide describes a standard installation.

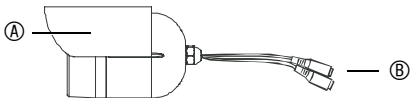
Overview

The TruVision Bullet IR Camera consists of the following:

- Camera with power and video output cable
- Mounting bracket
- Flying lead

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

1



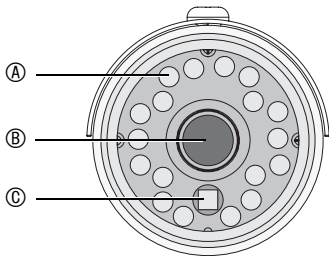
Ⓐ Sunshield

Ⓒ Mounting bracket

Ⓑ Power and video
cable

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Ⓐ 18 pcs LED IR lights

Ⓒ Light sensor

Ⓑ Lens

Installation

To install the TVC-BIR-SR 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.
5. Screw the camera into the mounting bracket. Ensure that the camera is firmly attached to the bracket.

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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: 537(H) x 505(V) PAL: 537(H) x 597(V)
Effective pixels	NTSC: 510(H) x 492(V) PAL: 500(H) x 582(V)
Synchronizing system	2:1 internal
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
Lens	Board lens 4.3 mm
Horizontal resolution	380 TV lines
S/N ratio	More than 48 dB (AGC off)
Minimum illumination	0.33 lux color / F2.0 0.00 lux IR on

Weatherproof	IP67
IR distance	49 ft. (15 m) (18 IR LEDs)
IR trigger	2.6 lux/2.7 lux (IR on/off)
Power supply	12 VDC \pm 1.2 VDC
Current	120 mA (IR off) 270 mA (IR on)
Power consumption	5.9 W maximum
Weight	0.7 lb. (0.31 kg)
Dimension (diam. x H)	2.25 x 3.25 in. (57 x 82.6 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 9.

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.)

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.

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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.

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: 305.593.4301F:305.593.4300 E: InfraSec.TechnicalServicesLatinAmerica@ge.com InfraSecCustomerService.LatinAmerica@ge.com
Europe, Middle East, and Africa
W: At www.gesecurity.eu , select <i>Customer Support</i> .
China, India, Singapore, Taiwan, Southeast Asia
E: ges.asiatechservice@ge.com
Australia, New Zealand
E: techsupport@gesecurity.com.au

