

## TacPole Extendable Accessory

The Bullard TacPole, designed for use with Bullard TacSight, T3 and T4 thermal imagers, is an extendable pole allowing for enhanced visual scene assessment into otherwise inaccessible or dangerous areas. The TacPole can easily see into attics, above suspended ceilings, around corners and down into basements or other subterranean areas. The TacPole comes equipped with a quick release mounting bracket and viewing display. TacPole can be equipped with an optional transmitter as well.

### NOTE:

To ensure that we are able to reach you with any product or software updates, please fill out the warranty card enclosed with your Bullard TacSight, T3 and T4 Series Thermal Imagers.

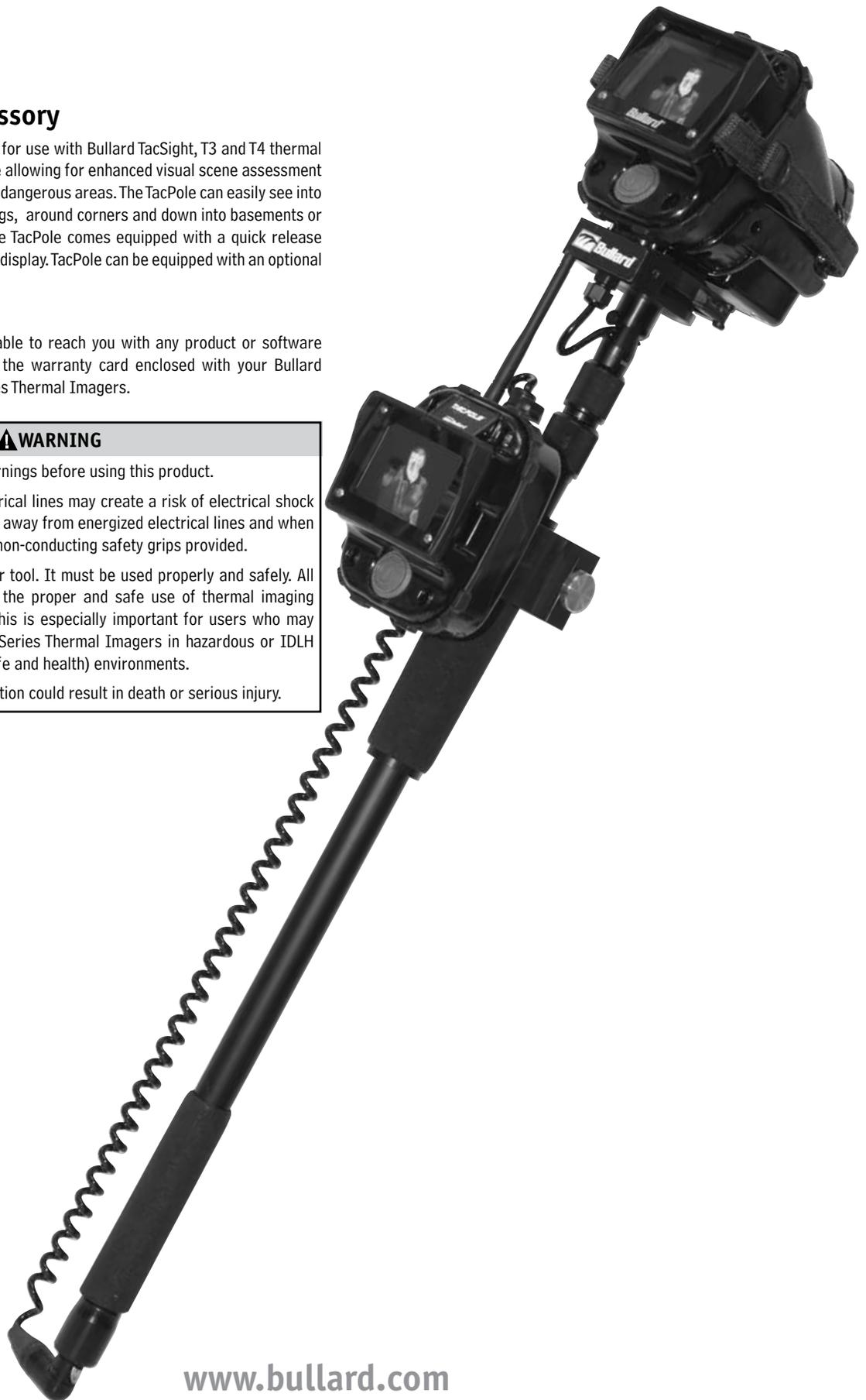
### WARNING

Read all instructions and warnings before using this product.

Contact with energized electrical lines may create a risk of electrical shock to the user. Keep the product away from energized electrical lines and when holding the TacPole, use the non-conducting safety grips provided.

Your TacPole is like any other tool. It must be used properly and safely. All users should be trained on the proper and safe use of thermal imaging prior to using the TacPole. This is especially important for users who may use the TacSight, T3 and T4 Series Thermal Imagers in hazardous or IDLH (immediately dangerous to life and health) environments.

Failure to follow this information could result in death or serious injury.



## Attaching the viewing display to the TacPole

The viewing display screen may be attached to the TacPole by plugging the power cable into the bottom of the pole and pressing the display onto the flat mounting plate on the pole. An audible click indicates the display is locked into position.

To disconnect the viewing display screen from the pole, pull down on the quick-release slide lever located on the bottom of the display and rotate up away from the mounting plate (**Figure 1**).



Figure 1

## Attaching the TacPole to the Bullard TacSight, T3 and T4 Series thermal imaging cameras

- Remove the quick-release mounting bracket from the top of the pole by turning the release tab to the open/unlock position.
- With the release tab still in the open/unlock position, attach the bracket to the bottom of the thermal imaging camera. Orient the bracket so that the front pin faces the camera battery, then screw the bracket hand-tight into the threaded fixture on the bottom of the camera.
- The electrical contact pins on the TacPole should align with the corresponding contacts on the bottom of the camera, and the mounting bracket aligns with the release tab on the TacPole.
- An audible click indicates the camera is locked onto the pole.

To disconnect the camera from the pole, simply push the release tab to the open position and lift the camera up. The mounting bracket may be detached from the bottom of the camera and placed back on the pole for storage (**Figure 2**).



Figure 2

### NOTE:

The electrical contacts on the thermal imager that connect with the TacPole may require periodic cleaning. To clean these contacts, use soapy water and a non-abrasive cloth or a cotton swab and isopropyl alcohol. Rubbing a pencil eraser on the contacts is another effective, non-abrasive means to clean the contacts.

## Operating the TacPole

The TacPole is powered via the thermal imager's 10-Volt NiMH rechargeable battery, while the camera is powered on. After attaching the viewing display screen and the thermal imager to the TacPole; power on the camera and the viewing display by pressing the single gray button on each. The two twist-lock grips on the pole allow for an overall extendable length of 5'9", which may permit optimal viewing of overhead scenes, as well as other difficult to view objects. The viewing display maneuvers on the TacPole by using the tension adjustment knob to slide the screen vertically and swivel from left to right (**Figure 2**).

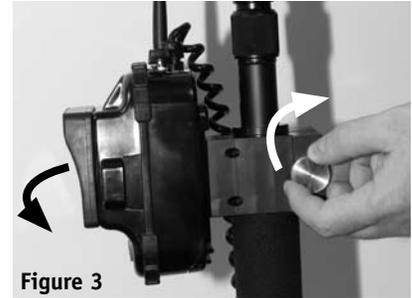


Figure 3

## Transmitter Option

The TacPole may also be equipped with an optional wireless remote video transmitter. When TacPole is configured with the optional transmitter, a single channel wireless remote transmitter is installed in the display screen. The single transmitter operates via one setting knob (on, off) and is also powered by the thermal imager's 10-Volt NiMH rechargeable battery. The "on" setting of the transmitter directly corresponds to the "A" channel frequency of the Bullard MobileLink, Mobile Command Center receivers and Bullard receiver boxes. The transmitter sends a video signal to the related receiver frequency. This allows incident commanders or other team members to monitor the same scenes that are being viewed by the thermal imager and the TacPole.

## FCC Notice

### FCC Registration Form

If your TacPole is equipped with the optional transmitter, fill out the Federal Communications Commission (FCC) registration form and send it to the address noted on the form. The form must be submitted to ensure the proper licensing with the FCC.

This equipment has been tested and complies with Part 90 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference.

This equipment generates, uses and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation distance between the affected equipment and receiver
- Connect the affected equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult Bullard or an experienced radio/TV technician for help

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

To ensure licensing, you must fill out and return the FCC Registration form located at [www.fcc.gov/Forms/Forms601.601.html](http://www.fcc.gov/Forms/Forms601.601.html).

## Care Instructions

The Bullard TacPole requires little maintenance. For best results, after each use:

- Clean the outside of the unit with mild soap or detergent.
- Clean the display with a soft cloth.
- Check screw tightness on cover display
- All thermal imagers and accessories should be maintained using a proper program.

## Replacing the Video Display Cover Window

The display cover (Figure 4) has a scratch resistant hard coating to minimize marring. However, if heavy scratching or gouging does occur, the cover window can be replaced. To do this, simply remove the four screws along the top and bottom of the window. Remove the plastic display cover window and replace with a new one (part number T3WINDOW) making sure that the countersink slots around the mounting holes are facing outward. Do not overtighten.

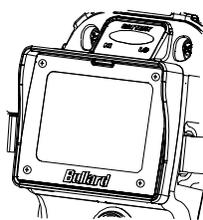


Figure 4

### CAUTION

Do not use solvents or paint thinners to clean your Bullard TacPole as they could permanently mar the surface or degrade the protective properties of the casing.

Do not intentionally submerge the unit underwater or subject the unit to high pressure water. Follow care instructions described above.

Failure to observe these instructions may result in product damage. Any damage caused by improper care is not covered under warranty.

### WARNING

Do not attempt to disassemble the Bullard TacPole. If the unit is not functioning promptly return it to Bullard for evaluation. Disassembling the unit voids all warranties.

TacPole is not certified as intrinsically safe. Do not attempt to remove the rear boot. These parts provide sealing and removal will break the seal exposing the unit to potential water damage. Failure to follow these instructions could result in death, serious injury and/or product damage.

Thermal imaging is not a technology designed to replace current fire fighting or law enforcement tactics. Rather, it is a tool that allows the firefighter or law enforcement officer to be more effective and to make better decisions.

Firefighters and law enforcement officers cannot stop using basic safety tactics. All firefighters and law enforcement officers should receive proper training on: how thermal imagers work; the uses and limitations of thermal imagers; image interpretation; and the safety considerations for thermal imaging use.

## Service

If your Bullard Thermal Imager or TacPole is not performing properly, please contact Bullard Customer Service at 877-BULLARD (285-5273). Outside the US and Canada, call 1-859-234-6611. Describe the problem to the Bullard representative as completely as possible. For your convenience, your representative will try to help you diagnose or correct the problem over the phone. Before returning your Bullard Thermal Imager, you should verify with your representative that the product should be returned to Bullard. Bullard Customer Service will provide you with written permission and a return authorization number.

If the return is a non-warranty repair, a Bullard Customer Service Representative or your local distributor will provide you with a repair invoice estimate. To authorize repair, you must provide a purchase order to your distributor for the amount of the estimate. Once Bullard receives authorization from your local distributor, we will issue you a return authorization number so that you can return the unit to Bullard. Bullard will repair the unit and ship it from our factory within 48 business hours. If the cost of repairs exceeds the stated quote by more than 15% or by more than \$100, a Bullard representative will re-estimate your repair and your local distributor will contact you for authorization to complete repairs. After repairs are completed and the goods have been returned to you, your distributor will invoice you for the actual repair amount.

### NOTE

Do not attempt to disassemble the TacPole. If the unit is not functioning properly, return it to Bullard (as described in the Service section) for evaluation. **Disassembling the unit voids all warranties.**

Prior to returning your Bullard Thermal Imager or TacPole, decontaminate and clean the product to remove any hazardous or contaminated materials that may have settled on the product during use. Laws and/or shipping regulations prohibit the shipment of hazardous or contaminated materials. Products suspected of contamination will be professionally decontaminated at the customer's expense.

Returned products will be inspected upon return to the Bullard facility. If the repair is under warranty, Bullard will repair the unit and ship it from our factory within 48 business hours.



## Warranty

Bullard warrants to the original purchaser that the Bullard TacPole and all features/accessories installed in the unit are free of defects in materials and workmanship under intended use and service for a period of one (1) year from date of manufacture. Bullard's obligation under this warranty is limited to repairing or replacing, at Bullard's option, articles that are returned within the warranty period and that, after examination, are shown to Bullard's satisfaction to be defective, subject to the following limitations:

- a) Article must be returned to Bullard with shipping charges prepaid.
- b) Article must not be altered from its original configuration.
- c) Article must not have been misused, abused, or damaged in transport.
- d) Maintenance and field replaceable items, if defective, are covered under warranty for a ninety (90) day period. These items include:
  - Batteries
  - Straps
  - Display covers
  - AC/DC adapters
  - All accessories except transmitter and MobileLink or Mobile Command Center remote receivers

Bullard provides a limited lifetime warranty on the T4 outer shell. This warrants that the outer shell is free of defects in materials and workmanship under intended use and service for the original purchaser. Bullard's obligation under this warranty is limited to repairing or replacing, at Bullard's option, articles that after examination are shown to Bullard's satisfaction to be defective, subject to the following limitations:

1. Product must not be altered from its original configuration.
2. Product must not have been misused, abused, or damaged in transport.
3. When the outer shell is obsolete and Bullard no longer stocks the part, the limited lifetime warranty will be terminated.

In no event shall Bullard be responsible for damages, loss of use, or other indirect, incidental, consequential or special costs, expenses or damages incurred by the purchaser, notwithstanding that Bullard has been advised of the possibility of such damages.

Any implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to one (1) year from the date of manufacture of this.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

## Extended Warranty

The extended warranty has all the same terms and conditions as the one-year warranty, except it is for a period totaling two years (standard one-year warranty plus one additional year). This warranty can be purchased through any authorized Bullard distributor

## Ordering Information

Catalog Number	Description
TPDIS	Replacement viewing display screen (includes display and power cable)
TPTRANS1DIS	Replacement viewing display screen (including power cable) with 1 channel wireless remote transmitter option installed.

**For accessories, upgrades and replacement parts, visit [www.bullard.com](http://www.bullard.com), call 877-BULLARD or contact your local Bullard distributor.**

**Americas:**  
**E.D. Bullard Company**  
1898 Safety Way  
Cynthiana, KY 41031-9303  
Toll free: 877-BULLARD (285-5273)  
Tel: 859-234-6616  
Fax: 859-234-8987  
[www.bullard.com](http://www.bullard.com)

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Lilienthalstrasse 12  
53424 Remagen • Germany  
Tel: +49-2642 999980  
Fax: +49-2642 9999829  
[www.bullardextrem.com](http://www.bullardextrem.com)

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