

SEE THE CLARITY.



THERMAL IMAGERS



The Best Image Quality. Ever.

The T3X offers firefighters an economic thermal imager in a favorite handheld design equipped with the newest state-of-the-art infrared engine technology for the highest image quality and performance ever.

## OUTSTANDING Performance

The T3X uses infrared engine technology running at an ultra-fast 60 Hertz image update rate and incorporates Image Contrast Enhancement (ICE™) technology for the ultimate image performance in fire conditions. Available in a 240 x 180 or 320 x 240 ultra-high resolution, the T3X with its wide selection of advanced features is perfectly suited for any firefighting mission.

## BRIGHTEST LCD Display

New LCD display greatly increases brightness and improves contrast, enabling firefighters to see more clearly in thick smoke and direct sunlight.

## ADVANCED Features

Standard on the T3X is Super Red Hot colorization, highlighting high-heat scenes in brilliant shades of yellow, orange, and red, and temperature measurement in numeric and relative heat indicator formats. Bullard's exclusive Electronic Thermal Throttle®, which enables firefighters to optimize scenes with the touch of a button, is optional.

## NEW Look & Feel

The T3X is distinguishable from other thermal imagers with a cool, blue metallic swirl color. Multiple colors are also available.

## FIVE YEAR Warranty

All X Factor Thermal Imagers come standard with a five-year, industry leading, full service warranty on parts and labor. Upgrade to the CareFree® warranty to get five years of coverage on batteries.



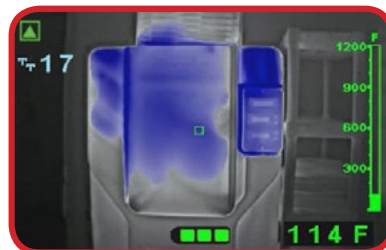
X Factor Technology featuring Super Red Hot



Past



Present



Electronic Thermal Throttle® (optional)

## ICE™ Image Processing

Equipped with ICE, the T3X provides superior infrared imagery utilizing state-of-the-art image processing techniques. ICE technology sharpens the distinction between objects and backgrounds and optimizes the image for greater clarity. With ICE, firefighters can detect beyond the fire.



www.bullard.com





## Technical Specifications



### Physical

• Configuration	Small Handheld Thermal Imager
• Weight (w/ battery)	2.6 lbs.
• Weight (w/o battery)	2.0 lbs.
• Dimensions	Height: 5.7", Length: 7.3", Width: 4.0"
• Housing Material	Ultem® Thermoplastic
• Housing Colors	Metallic Blue, Blue, Yellow, Lime-Yellow, Red, Orange, White, Black

### Electrical

• Power Source	NiMH Rechargeable Battery
• Battery Capacity	1650 mAh
• Battery Cycles	> 800 @ 70% Capacity
• Start-up Time	< 4 Seconds
• Operating Time	5 Hours*
• Recharge Time	2 Hours

### Infrared Detector

• Detector Type	Microbolometer
• Detector Sensing Material	Vanadium Oxide
• Detector Resolution	240 x 180 or 320 x 240
• Spectral Response	7-14 Microns
• Update Rate	60 Hz
• NETD	< 50 mK
• Dynamic Range	1100° F
• Pixel Pitch	17 μm
• Video Polarity	White-Hot

### Lens

• Material	Germanium
• Field of View	31° V x 40° H
• Focus	1 meter to infinity
• Speed	f/1.3
• Cover Window	Germanium

### Display

• Type	Digital, Liquid Crystal Display (LCD)
• Size	3.5" Diagonal TFT Active Matrix
• Pixel Format	RGB
• Brightness	500 cd/m2 (minimum)
• Contrast Ratio	350:1 (typical)
• Viewing Angle (Typical)	Top = 60°, Bottom = 40°, Left / Right = 60°

### Standard Features

• Temperature Measurement	Numeric and/or Bar Style
• Super Red Hot	Color above 500°F

### Optional Features and Accessories

• Electronic Thermal Throttle	Manually activated Blue Hot Spot Colorization
• SceneCatcher Digital Video Recorder (via attachable handle)	
- Video Format	NTSC
- Video File Type	AVI
- Video Image Size	720 x 480
- Video Record Time	5 hours
- Connection	USB
• Transmitter (via attachable handle)	
- Channels	2 @ 2.4 GHz
- Signal Type	Analog
- Power Output	750 mW
- Range	600 feet through typical frame construction
• MobileLink Handheld Receiver	Receives transmitted videos
• TacPort (via attachable module)	Provides video out and power input from AC / DC sources

### Performance

• 500° F Heat Resistance	5 minutes with no damage to electronics
• 300° F Heat Resistance	15 minutes of continued operation with no damage
• -20° F Cold Resistance	Continued operation
• Water Resistance	IP67
• Impact Resistance	6 foot drops on concrete with no damage

\* Without DVR or transmitter operating

## Accessories

Alkaline Pack



MobileLink Handheld Receiver



SceneCatcher & Transmitter



Powerhouse Charger



www.buildyourbullard.com

#### Americas:

**Bullard**  
1898 Safety Way  
Cynthiana, KY 41031-9303 • USA  
Toll-free within USA: 877-BULLARD (285-5273)  
Tel: +1-859-234-6616  
Fax: +1-859-234-8987

#### Europe:

**Bullard GmbH**  
Lilienthalstrasse 12  
53424 Remagen • Germany  
Tel: +49-2642 999980  
Fax: +49-2642 9999829

#### Asia-Pacific:

**Bullard Asia Pacific Pte. Ltd.**  
LHK Building  
701, Sims Drive, #04-03  
Singapore 387383  
Tel: +65-6745-0556  
Fax: +65-6745-5176

www.bullard.com

©2015 Bullard. All rights reserved.  
Electronic Thermal Throttle is a registered trademark of Bullard.  
Image Contrast Enhancement (ICE™) is a trademark of DRS Technologies.  
Ultem is a registered trademark of General Electric.  
8544 (1215)