

T3X

The Best Image Quality. Ever.

SEE THE CLARITY.



THERMAL IMAGERS

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.

Bullard extrem

OUTSTANDING Performance

The T3X uses infrared engine technology running at an ultrafast 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 to accommodate your budget. The 320 x 240 resolution is upgradable for aftermarket purchases. The T3X, with its wide selection of advanced features, is perfectly suited for any firefighting mission.

BRIGHTEST LCD Display

The new display on the T3X greatly increases brightness and improves contrast, enabling firefighters to see more clearly in thick smoke, bright light 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.

FIVE YEAR Warranty

All new X Factor Thermal Imagers come standard with a five-year, industry-leading, full-service warranty on parts and labor. All new X- Factor Thermal Imagers also come standard with a ten-year detector warranty.

All new batteries come standard with a two-year warranty. The outer shell is covered by a lifetime warranty, which is worldwide unique in the fire market.



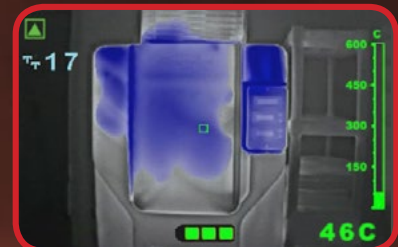
X Factor
Technology
featuring
Super Red Hot



Past



Present



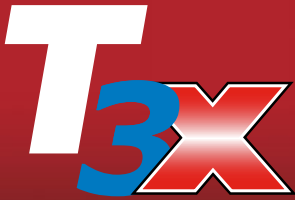
Electronic Thermal
Throttle® (optional)

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)	1,100 kg
• Weight (w/o battery)	0,885 kg
• Dimensions (L x W x H)	175 x 100 x 140 mm
• Housing Material	Ultem® Thermoplastic
• Housing Color (standard)	Metallic Blue

Electrical

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

Infrared Detector

• Detector Type	Uncooled Microbolometer
• Detector Sensing Material	Vanadium Oxide (VOx)
• Detector Resolution	320 x 240 Array
• Spectral Response	7-14 Microns
• Update Rate	60 Hz
• Temperature Sensitivity	< 0,03 °C
• NETD	< 30 mK
• Dynamic Range	600 °C
• Pixel Pitch	17 µm
• Video Polarity	White - Hot

Display

• Type	Digital, Liquid Crystal Display (LCD)
• Size	3,5" Diagonal TFT Active Matrix
• Pixel Format	RGB
• Brightness	500 cd/m2
• Contrast Ratio	350:1
• Viewing Angle	Left / Right = 60°, Top = 60°, Bottom = 40°

Lens

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

Standard Features

• Temperature Measurement	Numeric and/or Bar Style
• Super Red Hot	Color above 260 °C

Optional Features and Accessories

• Electronic Thermal Throttle	Manually activated Blue Hot Spot Colorization
• Digital Video Recorder - SceneCatcher	Via attachable handle
– Video File Type	NTSC
– Video File Type	AVI
– Video Image Size 7	20 x 480 Array
– Video Record Time Min.	300 photos and 5 hours video
– Connection	USB
• Transmitter	Via attachable handle
– Signal Type	Analog
– Antenna	Dipole
– Channels	2-channel switch
– Frequencies/Power Output	According to European R&TTE Directives
• Handheld Receiver - MobileLink	Receives transmitted videos
• TacPort (via attachable module)	Provides video out and power input

Performance

• Water Resistance	IP67
• Impact Resistance	~ 2 m drops with no damage
• Heat Resistance / 1000 °C	Short time with no functional damage
• Heat Resistance / 260 °C	5 minutes with no functional damage
• Heat Resistance / 150 °C	15 minutes with no functional damage
• Cold Resistance / -29 °C	Continued operation

* Without DVR or transmitter operating

Accessories

Alkaline Pack



MobileLink Handheld Receiver



SceneCatcher & Transmitter



Powerhouse Charger



Americas:
Bullard
 1898 Safety Way
 Cynthia, 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

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