

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 (excluding batteries).



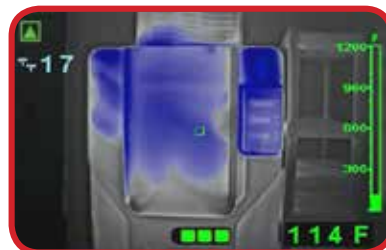
X Factor Technology featuring Super Red Hot



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.



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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

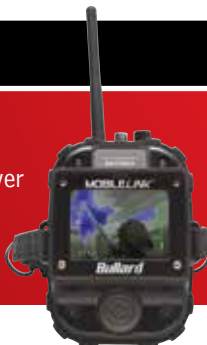
Performance

• 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

MobileLink
Handheld Receiver



SceneCatcher
& Transmitter



Powerhouse
Charger



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