T3MAX™

GO FULL THROTTLE!

THE NEXT BREAKTHROUGH IN THERMAL IMAGING

Extreme Performance

Bullard, the leader in firefighting thermal imagers, introduces the latest advancement in thermal imaging technology - the NEW T3MAX. With innovations such as the Electronic Thermal Throttle and Super Red Hot, the newly engineered T3MAX redefines extreme performance.

Electronic Thermal Throttle™

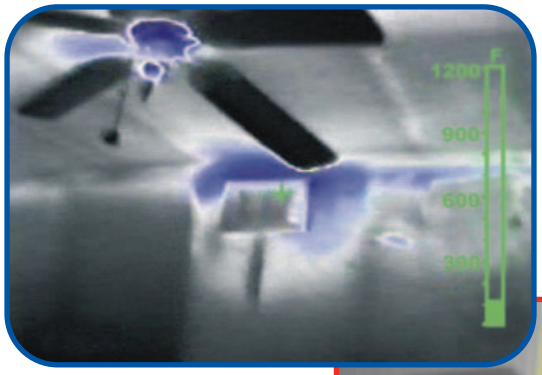
Bullard introduces a revolutionary scene enhancement feature with the Electronic Thermal Throttle. Exclusive to the T3MAX, this feature enables firefighters to optimize the scene with the touch of a button. Ideal for pinpointing hot spots during overhaul, searching for overheated electrical equipment, and distinguishing hotter objects from cooler ones, the Electronic Thermal Throttle saves you critical time and prevents costly mistakes.

Super Red Hot™

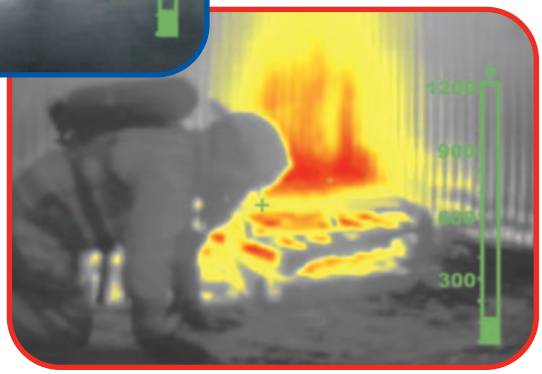
With the Super Red Hot feature, heat levels are identified by colors. Starting at 500 degrees, heated objects are tinted yellow and gradually transition to solid red as heat levels rise. The Super Red Hot feature reveals specific heat layers alerting firefighters to areas of intense heat and more effectively identifies the spread of fire.

The NEW T3MAX

- Electronic Thermal Throttle
- State-of-the-art image performance
- Relative Heat Indicator
- Super Red Hot details high heat
- Engineered BULLARD TOUGH !



Electronic Thermal Throttle
The Electronic Thermal Throttle colors hottest objects in a scene blue for quick understanding of heat sources and trouble spots



Super Red Hot
The Super Red Hot Feature provides greater detail of a fire enabling better understanding of the fire source and its spread

Call 877-BULLARD, or visit our website at www.thermalimager.com to find out more about why your next thermal imager will be a T3MAX.

Bullard®
It's your life and you're worth it™

Need funding for Thermal Imaging? Call today for details on the *inSIGHT*™ program!

Bullard
It's your life and you're worth it™


Head Protection


Respiratory Protection


Fire and Rescue Safety


Thermal Imaging

Bullard T3MAX

Technical Specifications

Overall TI Unit	
Weight with battery	2.7 pounds (43 oz)
Without battery	2.1 pounds (34 oz)
Dimensions	Height: 4¾" Length : 4" Width : 7"
Heat Test	500°F (260°C) for 8 minutes
	300°F (150°C) for 16 minutes
Water Resistance	IP67
Impact/Drop Test	No functional damage, 6' drop
Casing	
Shell Material	Ultem® Thermoplastic
Sealing	Silicone and Neoprene®
Strap Material	Kevlar®
Lens Window	Germanium (2 mm thick)
Display Cover	Polycarbonate
Core/Detector	
Type	Uncooled Microbolometer with Digital Processing, Pixel Smoothing
Resolution	160 x 120 array
Sensing Material	Amorphous Silicon
Spectral Response	7.5 - 14 Microns
Thermal Stabilization	-40°F to 175°F (-40°C to 85°C)
Update Rate	30 Hz
Temperature Sensitivity	0.05°C
Video Output	NTSC
NETD	50 mK
Dynamic Range	1100°F (Nominal 600°C)
Pixel Pitch	30 µm
Thermal Time Constant	10 ms
Video Polarity	White-Hot
Relative Heat Indicator (temperature measurement)	Sliding Bar Scale
Super Red Hot	Color above 500°F (Nominal 250°C)

Lens	
Material	Germanium
Lens Size	5.8 mm
Field of View	37.5°V x 50.0°H
Focus	Fixed 3' to infinity
Speed	f/1.0
Electrical System	
Power Source	NiMH Rechargeable Battery or Alkaline Batteries (8 cells)
Output	10V nominal
Capacity	1600 mAH
Operating Time	2.5 hours nominal
Start Up Time	5 seconds
Charger Single Battery	120 VAC or 12 VDC
Switch Cycle Test	1,000,000 cycles
Battery Life	1,000 charge cycles
Battery Weight	0.6 pounds (9.5 oz.)
Recharge Time	1 hour nominal
Display	
Type	Liquid Crystal Display (LCD)
Size	3.5" Diagonal (71.76 x 52.4 mm) TFT Active Matrix
Dot Pitch	188 mm (V) x 160 mm (H)
Dot Format	384 X 234 Dots
Pixels	89,856
Pixel Configuration	R-B-G Delta Configuration
Display Method	NTSC
Input Signal Level	1.0V P-P (Positive) 75 Ohm
Back Light	Fluorescent Lamp
Brightness	400 cd/m²
Viewing Angle	Left/Right = 60°, Up = 35°, Down = 60°

NOTE

Comes standard with two batteries, AC/DC battery charger, carrying strap, interactive orientation CD-ROM and instruction manual in a protective cardboard carrying case. The T3XT has an anti-RFI coating and can be adapted to mount a handle or transmitter. The T3XT is covered by a 12 month warranty on all parts and labor and a lifetime housing warranty.*

*Limitations and exclusions apply.

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