

T3MAX

**NOW with
new, higher
performance
display!**

Economic Versatility

The T3MAX combines the economic advantages of a high resolution thermal imager with the unique capability of the optional Electronic Thermal Throttle®. The T3MAX offers uncompromising capability without breaking the bank.

HIGH Performance

- 160 x 120 Resolution
- Electronic Thermal Throttle reveals hidden fire and distinguishes hotter objects
- Super Red Hot pinpoints fire source and progression
- Advanced Relative Heat Indicator provides temperature measurement

ELECTRONIC Thermal Throttle

Use Electronic Thermal Throttle, optional on the T3MAX, to isolate heat sources. This feature enables firefighters to optimize the scene with the touch of a button. By pinpointing hot spots during overhaul, identifying overheated electrical equipment and distinguishing hotter objects from cooler ones, 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°F, 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.



**Bullard
TOUGH**

 **Bullard®**

www.bullard.com



Technical Specifications

Overall TI Unit

Weight with battery
Without battery
Dimensions

Heat Test

Water Resistance
Impact/Drop Test

Casing

Shell Material
Sealing
Strap Material
Lens Window
Display Cover

Core/Detector

Type
Resolution
Sensing Material
Spectral Response
Thermal Stabilization
Update Rate
Temperature Sensitivity
Video Output
NETD
Dynamic Range
Pixel Pitch
Thermal Time Constant
Video Polarity
Relative Heat Indicator
(temperature measurement)
Super Red Hot

With ETT

2.8 pounds
2.2 pounds

Standard

2.7 pounds
2.1 pounds
Height: 5 1/2" Length : 5"
Width : 7"

500°F (260°C) for 8 minutes
300°F (150°C) for 16 minutes
IP67

No functional damage, 6' (2 meter) drop

Ultem® Thermoplastic
Silicone and Neoprene®
Kevlar®
Germanium (2 mm thick)
Polycarbonate

Uncooled Microbolometer with Digital Processing,
Pixel Smoothing
160 x 120 array

Amorphous Silicon
7.5 - 14 Microns
0°F to 175°F (-20°C to 85°C)

30 Hz
0.05°C
NTSC
50 mK
1100°F (Nominal 600°C)

30 μm
10 ms
White-Hot
Sliding Bar Scale

Color above 500°F (250°C)

Lens

Material
Lens Size
Field of View
Focus
Speed

Germanium
5.8 mm
37.5°V x 50.0°H
Fixed 3' to infinity
f/1.0

Electrical System

Power Source

NiMH Rechargeable Battery or
Alkaline Batteries (8 cells)
10V nominal
1600 mAH
2.5 hours nominal
5 seconds
20 VDC Input
12-24 VDC Input
1,000,000 cycles
0.6 pounds
1 hour nominal

Output

Capacity
Operating Time
Start Up Time
Desktop Charger
Powerhouse Charger
Switch Cycle Test
Battery Weight
Recharge Time

Display

Type
Size

Digital Liquid Crystal Display (LCD)
3.5" Diagonal TFT Active Matrix
0.225 mm (V) x 0.2235 mm(H)
320 X 234 X RGB
74,880

Dot Pitch
Dot Format

Pixels
Pixel Configuration
Display Method
Back Light
Brightness
Viewing Angle

R-G-B Delta Configuration
NTSC
6-LED
250 cd/m²
Left/Right = 50°, Up = 15°, Down = 35°

NOTE

Comes standard with two batteries, AC/DC battery charger, carrying strap, interactive training CD-ROM and instruction manual in a protective cardboard carrying case. The T3MAX has an anti-RFI coating and can be adapted to mount a handle or transmitter. The T3MAX is covered by a 12 month warranty on all parts and labor and a lifetime housing warranty.*

*Limitations and exclusions apply.

Accessories



MobileLink
Handheld Receiver



Alkaline Pack

SceneCatcher
& Transmitter



Powerhouse Charger



Americas:
Bullard
1898 Safety Way • Cynthiana, KY 41031-9303
Toll free: 877-BULLARD (285-5273)
Tel: 859-234-6616 • Fax: 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

©2012 Bullard. All rights reserved.

Electronic Thermal Throttle is a registered trademark of Bullard.
Kevlar and Neoprene are registered trademarks of E.I. DuPont de Nemours & Company.

Ultem is a registered trademark of General Electric.

