

T3MAX™

NOW with Higher
Resolution
Display!

T3MAX is the most versatile small form factor thermal imager on the market. Suited for interior operations and useful for analytical operations via Electronic Thermal Throttle®, the T3MAX offers uncompromising capability without breaking the bank!

Bullard extrem

EXTREME PERFORMANCE

Modular system:

- Basic Model with Red Hot Indication™ above 500°C
- Super Red Hot™ Model: Colours YELLOW above 250°C, ORANGE above 400°C and RED above 500°C
- Full Featured Model: Electronic Thermal Throttle and Super Red Hot Colorization.

The Basic model can be retrofitted with the Super Red Hot Colorization and/or Electronic Thermal Throttle. Easy to use, small, lightweight, waterproof and most durable thermal imager on the market.

ELECTRONIC THERMAL THROTTLE

Use Electronic Thermal Throttle to isolate heat sources. 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, Electronic Thermal Throttle saves you critical time and prevents costly mistakes.

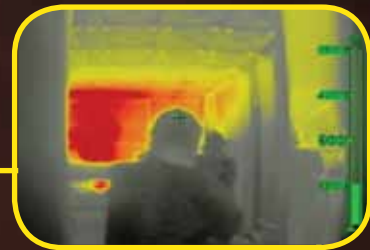
SUPER RED HOT COLORIZATION

With the Super Red Hot feature, heat levels are identified by colors. Starting at 250°C, 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.

For more information visit: www.bullardextrem.com



Electronic
Thermal Throttle



Super Red Hot
Colorization



BETTER UNDER FIRE.

 **Bullard®**

www.bullardextrem.com



Technical Data



Weight

With battery:	1,2 kg
Without battery:	0,9 kg

Dimensions

L x H x W	175 x 100 x 140 mm
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Heat Test

150°C for 16 minutes
260°C for 8 minutes
1000°C short time

Water Resistance

IP67

Impact/Drop Test

No functional damage after 2 m drop

Casing:

Shell Material:	Ultem® Thermoplastic
Sealing:	Silicone and Neoprene®
Strap Material:	Kevlar®
Lens Window:	Germanium (2 mm)
Display Cover:	Polycarbonate

Core/Detector

Type:	Uncooled Microbolometer with Digital Processing,
Sensing Material:	Amorphous Silicon (aSi)
Resolution:	160 x 120 array
Spectral Response:	7 - 14 microns
Update Rate:	30 Hz
NETD:	50 mK
Temperature Sensitivity:	0,05°C
Dynamic Range:	600°C
Thermal Stabilization:	-20°C to 85°C
Pixel Pitch:	30 µm
Video Signal:	NTSC / PAL
Video Polarity:	White - Hot
Temp. Measurement:	Sliding Bar AND Numeric Display
Super Red Hot Colorization (optional):	Above 250°C
Electronic Thermal Throttle (optional):	Blue Hot Spot Colorization

Lens

Material:	Germanium
Lens Size:	5,8 mm
Field of View:	50°H x 37,5°V
Focus:	Fixed / 1 m to infinity
Speed:	f/1,0

Electrical System

Power Source:	NiMH Rechargeable Battery OR AA-Batteries (8 cells)
Output:	10V
Capacity:	2300 mAh
Operating Time:	4 hours
Battery Life:	1.000 charge cycles
Switch Cycle Test:	1.000.000 cycles
Start Up Time:	5 seconds
Charger Single Battery:	230V, 24V and 12V
Battery Weight:	0,3 kg
Recharge Time:	2 hours

Display

Type:	Digital Liquid-Crystal-Display (LCD)
Size:	3,5" Diagonal TFT with "Active Matrix"
Pixels:	74.880
Pixel Configuration:	R-B-G Delta
Back Light:	6 LEDs
Brightness:	250 cd/m2
Viewing Angle:	Left/Right = 50°, Up = 15°, Down = 35°

Wireless Transmitter (optional)

Mounting:	Detachable pistol grip
Signal:	Analog
Antenna:	Dipole
Frequency/Power Output:	According to European R&TTE Directive s
Frequency Selection:	2-channel switch

Digital Recording (optional)

Mounting:	Detachable pistol grip
Download:	Min. 300 photos AND 5 hours video
Format:	Photo/JPEG, Video/AVI
Download:	USB-cable (inclusive)

NOTE

T3MAX comes standard with 2 rechargeable batteries, battery charger for 230V, 24V and 12V, carrying strap, training CD-ROM and instruction manual in a protective carrying hard case. The T3MAX is covered by a 24 month warranty on all parts and labor and a lifetime housing warranty.

Accessories

Battery case for standard alkaline batteries, Powerhouse charger for vehicle mounting (12V and 24V), AkkuCare intelligent charger base, detachable handle, wireless transmitter and digital SceneCatcher in one handle, MobileLink receiver, personalized start up graphic on display and side straps.

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