

T3MAX™

NOW with Higher Resolution Display!

T3MAX™ and T3MAX+™ are the most versatile small form factor thermal imagers on the market. Suited for interior operations and useful for analytical operations at complex fire scenes. Both units are offering uncompromising capability – build Bullard Tough™!

Bullard extrem

EXTREME PERFORMANCE

T3MAX series offers a 320x240 resolution or 160x120. With T3MAX+™, images are clearer, crisper and detailed. Both units are easy to use, small, lightweight, waterproof and most durable thermal imagers on the market.

MODULAR SYSTEM

The advanced features can be ordered right away depending on the current needs and available budget or can be upgraded later!

- Red Hot Indication above 500°C (basic version)
- Super Red Hot Colorization: highlighting high-heat scenes in brilliant shades of YELLOW, ORANGE and RED
- Electronic Thermal Throttle®: hot spot colorization for better heat source isolation in shades of BLUE
- Electronic Thermal Throttle and Super Red Hot Colorization

The unique modulare system gives firedepartments of all sizes the opportunity to bring thermal imaging onto the fire scenes.

KEY FEATURES

- Most versatile form factor on the market
- All advanced features can be upgraded later
- uncompromising durability and capability



T3MAX Basic

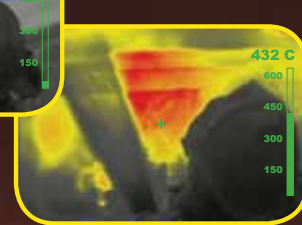


T3MAX Plus



Electronic Thermal Throttle

Super Red Hot Colorization



BUILD YOUR
Bullard
europe
www.BuildYourBullard.com



Mehr Informationen unter: www.bullard.com

BETTER UNDER FIRE.



www.bullard.com



Technical Data

Weight

With battery: (basic) 1,2 kg / (plus) 1,4 kg
 Without battery: (basic) 0,9 kg / (plus) 1,1 kg

Dimensions

L x H x W 175 x 140 x 100 mm

Heat Test

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

Water Resistance

IP67

Impact Test

No functional damage after 2 m drop

Casing

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

Core/Detector

Type: Uncooled Microbolometer with Digital Processing
 Sensing Material: Amorphous Silicon (aSi)
 Resolution: 160x120 (basic) **OR** 320x240 (plus) array
 Update Rate: 30 Hz
 Temperature Sensitivity: 0,05°C
 Spectral Response: 7 - 14 microns
 NETD: 50 mK
 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

Lense

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
 Start Up Time: 4 seconds
 Switch Cycle Test: 1.000.000 cycles
 Battery Life: 1.000 charge cycles
 Recharge Time: 2 hours
 Charger Units: available in 12V, 24V and 230V
 Battery Weight: 0,3 kg

Display

Type: Digital Liquid-Crystal-Display (LCD)
 Size: 3,5" diagonal TFT with "Active Matrix"
 Pixels: 74.880
 Pixel Configuration: R-G-B 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 Selection: 2-channel switch
 Frequency/Power Output: According to European R&TTE Directives

Digital Recorder (optional)

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

NOTE

T3MAX and T3MAX+ comes standard with 2 rechargeable batteries, battery charger for 230V, carrying strap, training CD-ROM and instruction manual in a protective carrying hard case. The T3MAX and 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, 24V and 230V), 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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