

# EVERY CALL, EQUIPPED WITH BULLARD



The Bullard TXS™ Thermal Imager is an imager for every department, delivered at an incredible value.

Introducing the most affordable decision making Thermal Imager on the market, providing outstanding image quality in a compact and lightweight 1.6 pound form factor. The Bullard TXS Thermal Imager is your high deployment solution when budget, quality, and performance are essential.



High Contrast Imagery

Super Red Hot, Decision Making Detail

**LIGHTWEIGHT AND INTUITIVE** An intuitive tool packed in just 1.6 pounds, the Bullard TXS Thermal Imager is essential for every department. TXS was designed for ease-of-use with its one button operation, ergonomic design, and size that makes it easily stowable via lanyard. TXS gives you the vital information you need, without weighing you down.

**A CLEAR IMAGE WITH ONE TOUCH** With an easy-to-read 3.5" display at a clear 320x240 pixel resolution, the Bullard TXS Thermal Imager offers a clear image for details and fire attack. Simple one-button operation means firefighters can easily get the clear image they need, without added complexity.

**INNOVATIVE CHARGING OPTIONS** Have power at-the-ready with the convenient and robust TXS truckmount charger that charges two batteries, two imagers, or one of each, simultaneously. Charger is also compatible with desktop use. The removable, rechargeable Li-Ion battery pack offers an exceptional 6 hours of continuous use.

**BETTER UNDER FIRE** The fireground is not forgiving, and Bullard TXS is built for the most demanding of situations. Like all Bullard Thermal Imagers, the TXS is designed for durability and reliability no matter the environment.

# TXS™

[www.bullard.com/txs](http://www.bullard.com/txs)



## Physical

Configuration	Small Handheld Thermal Imager
Weight (w/ Battery)	1.6 lbs/0.75 kg
Weight (wo/ Battery)	1.3 lbs/0.61 kg
Dimensions	L (7.1 in/180 mm) x W (4.7 in/120 mm) x H (4.6 in/117 mm)
Housing Material	PPSU Thermoplastic
Housing Color	Melon Yellow (RAL 1028)
Battery Color	Anthracite grey (RAL 7016)
Form Factor	Ergonomic low-strain grip with intuitive handling

## Electrical

Power Source	Lithium-ion rechargeable and replaceable Battery
Battery Type	Field replaceable without tools
Battery Capacity	3500mAh
Start-up Time	<12 seconds
Operating Time	Approx 6 hours at 20°C in routine conditions
Recharge Time	Approx 3h30 from fully depleted

## Infrared Detector

Detector Type	Microbolometer
Detector Sensing Material	Vanadium Oxide
Detector Resolution	320x240
Spectral Response	7.5 µm – 13.5 µm
Update Rate	30Hz
NETD	<60mK
Dynamic Range	1022° F/550°C
Pixel Pitch	12 µm

## Display

Type	Digital, Liquid Crystal Display (LCD)
Size	3.5"/89mm Diagonal TFT Active Matrix
Viewing Angle (Typical)	Top = 60°, Bottom = 40°, Left / Right = 60°
Image Resolution	320x240
Protective Cover	Polycarbonate with a UV and abrasion* resistant surface (*according to NFPA 1971-52)

## Lens

Field of View	40° V x 50° H
Focus	0.8 m to ∞
Speed	f/1.1
Protective Window	Glove-cleanable germanium window with anti-reflective coating

## Standard Features

Gain Modes	Shutterless automatic switching between low and high gain mode, dependent on scene temperature
Temperature Measurement	Numeric and bar style
Colorization	White-Hot and Super Red Hot (yellow-orange-red gradient) for temperatures above 500° F/260° C

## Optional Features & Accessories (if so equipped)

Retract Strap	Retractable lanyard
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## Charging Systems

USB Charging	USB charging over Micro-USB with wall plug adapter (standard)
Truck Mount or Deskmount Charger	Two-bay charger for either two batteries or two imagers, or one battery and one imager for truck or office use (optional)

## Performance

Cold Resistance 4°F/-20°C	Continued operation
Heat Resistance 300°F/150°C	15 minutes of continued operation
Heat Resistance 500°F/260°C	5 minutes of continued operation
Impact Resistance	Functional after 2 meter drop on concrete
Safety	IEC 62368-1; IEC 62368-3; IEC62133-2; IEC 60335-2-29
Ingress Protection	IEC 60529 IP67 (imager and battery)
EMC	FCC part 15b; ICS-003; CISPR32/EN55032/IEC61000-6-3; CISPR24/EN55035/IEC61000-6-1
Battery Pack	IEC 62133-2; UN 38.3
Truck Mount Charger	Designed to meet NFPA 1901 and DIN EN 1846-2: 2013-05; IEC 62368-1
Environmental	Prop 65; RoHS; REACH; PFAS
Storage Temperature	Recommended from -4° F/-20°C to 104° F/40°C

## Service & Warranty

Imager	Five (5) years
Battery	Two (2) years
Software	User upgradable firmware (via Micro-USB)



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