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 lbs/0.75 kg form factor. The Bullard TXS Thermal Imager is your high deployment solution when budget, quality, and performance are essential.

LIGHTWEIGHT AND INTUITIVE An intuitive tool packed in just 1.6 lbs/0.75 kg, 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.

www.bullard.com/txs
## Technical Specifications

### 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

### Lens
- **Field of View**: 40° x 50°
- **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
- **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)

### 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

### 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
- **Ingress Protection**: IEC 60529 IP57 (imager and battery) IP20 (two-bay charger)
- **EMC**: FCC Title 47 part 15b; ICES-003; CISPR32/EN55032/IEC61000-6-3; CISPR35/EN55035/IEC61000-6-1
- **Battery Pack**: IEC 62133-2; UN 38.3
- **Battery Mount Charger**: Designed to meet NFPA 1901 and DIN EN 1846-2: 2013-05; IEC 62368-1
- **Environmental**: Prop 65; RoHS; REACH
- **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)