



TXS™

A rugged lightweight thermal imager at an incredible value.



Top Benefits of TXS

- Lightweight and Intuitive
- Proven Durability
- 5-Year Warranty
- X-Factor Lite Image Enhancement
- High Contrast Imagery



X-Factor Lite Image Enhancement

A fine-tuned lineup of image boosting technology with exceptional resolution and low-lag processing of crisp details. Identify flow paths to quickly understand the scene.



Equip More Firefighters

Exceptional image quality at a price point to get decision-making thermal imaging in the hands of more firefighters.



Small but Powerful

Even at only 1.6 lbs / 746 g, TXS is rugged and durable... built Bullard Tough. Designed for the unforgiving fireground and backed by Bullard Care-free® warranty.



Innovative Charging

Manage your fleet efficiently with the robust TXS Dual Charger. Mounts easily in the apparatus needing space less than a DIN A4 sheet. Charges two imagers, two batteries or one of each simultaneously.

AT A GLANCE

Image Enhancement	X-Factor Lite
Resolution	320 X 240
Refresh Rate	Fast 30 Hz
Battery Life	Up to 6 hours

The Lightweight.



Technical Specifications

Warranty	5-year imager; 2-year battery
Weight (w/ battery)	1.6 lbs. / 745 g
Dimensions	L (180mm/7.1in) x W (120mm/4.7in) x H (117mm/4.6in)
Housing Material	PPSU Thermoplastic
Bumper Material	Silicon
Upper Housing Color	Melon yellow (RAL 1028)
Lower Housing Color	Anthracite grey (RAL 7016)
Form Factor	Ergonomic low-strain grip with intuitive handling
User Serviceable Parts	Bumpers, battery, attachment ring
Software	User upgradable firmware (via Micro-USB)
Imager and Battery Chargers	Two bay charger for either two batteries or two imagers, or one battery and one imager for truck of office use. (optional)
Power Source	Lithium-ion rechargeable and field replaceable battery pack
Battery Capacity	3500mAh
Operating Time	Up to 6 hours at 20° C in routine conditions
Recharge Time	Up to 3 hours 30 minutes from fully depleted
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
Storage Temperature	Recommended from -4° F / -20° C to 104° F / 40° C
Detector Type	Vanadium Oxide Microbolometer
Detector Resolution	320 x 240
Spectral Response	8 µm - 14 µm
Refresh Rate	30Hz
Dynamic Range	1022° F / 550° C
Pixel Pitch	12 µm
Field of View	40° V x 50° H
Protective Window	Glove cleanable germanium window with anti-reflective convex shape and coating
Size	3.5" (89 mm) Diagonal TFT Active Matrix
Display Brightness	400 cd/m2
Contrast Ratio	350:1 (typical)
Viewing Angle (Typical)	Top = 60°, Bottom = 40°, Left / Right = 60°
Image Resolution	320 x 240
Protective Cover	Polycarbonate with a UV and abrasion resistant surface
Pixel Density	114 ppi
Gain Modes	Seamless Gain Transition: Shutterless and seamless automatic transition between low and high gain mode dependent on scene temperature.
Colorization	White-Hot, and Super Red Hot (yellow-orange-red gradient) for temperatures above 500° F / 260° C

Part Number	Includes	Key Items
TXSE	TXS CAMERA, 2 BATTERY, 1 USB CHARGER, 1 USB CABLE	
TXSBUNDLE	TXS CAMERA, 2 BATTERY, 1 DUAL CHARGER, 1 USB CABLE, 1 RETRACTABLE LANYARD	
XSCHARGER	TXS DUAL BAY CHARGER	
XSACADAPTER	TXS AC ADAPTER, US POWER CORD	
XSACADAPTER XSACADAPTERUK XSACADAPTERAU	TXS AC ADAPTER, WITH REGIONALIZED PLUG (EUROPE, UK, OR AUSTRIALIA)	
XSCHARGERSTRAP-SKIT	TXS DUAL BAY CHARGER REPLACEMENT STRAPS KIT, BOLTS	
XSBATT	TXS REPLACEMENT BATTERY	
XSUSBCHARGER	USB CHARGER, 1 USB CABLE	
XSRETRACT	TXS RETRACT	
TXSREFRESHERKIT	TXS FRONT BOOT, DISPLAY BOOT, FLUORESCENT STICKERS, D-RING+BOLT	
XSHARDCASE	TXS HARD CARRYING CASE	
XSCHARGERWIREKIT	TXS CHARGER WIRING HARNESS	
XSSERVICEWINDOW	TXS SERVICE WINDOW	