



An advanced decision-making thermal imager with the highest resolution.

## **Top Benefits of QXT Pro**

- Top Performance
- Proven Durability
- 5-Year Warranty
- X-Factor 2.0 Image Enhancement
- Seamless Gain Transition



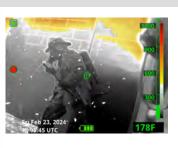
### X-Factor 2.0 Image Enhancement

A fine-tuned lineup of image boosting technology like crisp white edge highlighting and exceptionally vivid images helps recognize people and objects faster. Identify flow paths to quickly understand the scene.

#### Optional Feature Packs Advanced

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- **Basic** Thermal Throttle
- Hot Area Detector
- Cold Area Detector
- Zoom



## Video RecordingOn-Screen Playback

Thermal Throttle

Hot Area Detector

Cold Area Detector

Image Capture

• Zoom

#### Seamless, Smooth, Instant Scenes

Move from high to low temp scenes smoothly with Seamless Gain Transition.

#### Faster Heat Source Identification

Speed up overhaul and search with Thermal Throttle (optional).

Locate the hottest or coolest point of the scene instantly with Hot Area Detector and Cold Area Detector (optional).

#### Clear Decision-Making Details

Identify scene details vividly. Detect people, even in high heat. See details through transparent colorization.

### AT A GLANCE

Image Enhancement	X-Factor 2.0
Resolution	640 X 480
Refresh Rate	Fast 60 Hz
Battery Life	Up to 6.5 hours

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# The All-Around Pro.

## **Technical Specifications**

Warranty	5-years on imager and battery	
Weight (w/ battery)	2.5 lbs / 1.145 kg	
Dimensions	H 5.4" (137 mm), W 4.6 (117 mm), L 8.2" (208 mm)	
Housing Material	Ultem® Thermoplastic	
Bumper Material	Silicone	
Upper Housing Color	Red , Blue, Yellow (standard), Orange, Black, Lime Yellow	
Lower Housing Color	Black	
Form Factor	Ergonomic low-strain grip with intuitive handling and angled display	
User Serviceable Parts	Bumpers, cover window	
Software	User upgradable firmware (via Micro-USB)	
Imager and Battery Chargers	Wireless charging system for truck or office use (optional)	
Power Source	Lithium-ion rechargeable internal battery	
Battery Capacity	6400 mAh	
Operating Time	Up to 6 hours 30 minutes at 20° C in routine conditions	
Recharge Time	Up to 4 hours 15 minutes to 80%	
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	640 x 512	
NETD	NETD <50 mK	
Spectral Response	8 µm – 14 µm	
Refresh Rate	60 Hz	
Dynamic Range	1200° F / 650° 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 IPS	
Display Brightness	1000 cd/m2	
Contrast Ratio	800:1 (typical)	
Viewing Angle (Typical)	85° All directions	
Image Resolution	640 x 480	
Protective Cover	Polycarbonate with a UV and abrasion-resistant surface. User replaceable.	
Pixel Density	228 ppi	
Gain Modes	Seamless Gain Transition: 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 OR 300° F	

Part Number	Includes	
QXTPRO	QXT PRO IMAGER 1 USB CHARGER	<b>()</b>
QXTPROBUNDLE	QXT PRO IMAGER 1 USB CHARGER 1 WIRELESS CHARGER 1 XT RETRACT	
XTTRUCKMOUNT	WIRELESS TRUCKMOUNT AND STATION CHARGER	
XTCHARGEPWR	AC ADAPTER FOR XTTRUCKMOUNT	
XTUSBCHARGEPWR	AC ADAPTER AND USB CABLE	
XTRETRACT	XT RETRACTABLE LANYARD	<b>F</b>
XTCHARGERRING	CHARGER INTERFACE RING REPLACEMENT KIT	
XTWINDOW	DISPLAY COVER REPLACEMENT KIT	
XTWINDOWSCREWS	DISPLAY COVER REPLACEMENT SCREWS	1177
XTLCDGUARDQXTPRO	DISPLAY BOOT REPLACEMENT KIT	
XTBUMPER	FOOT BOOT REPLACEMENT KIT	
XTMETALX	FRONT COVER PLATE	
XTHARDCASE	XT HARD CARRYING CASE	

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