

## TECHNICAL INFORMATION

### SPECIFICATIONS

Dimensions (LxWxH):	5 x 4.5 x 9 in / 130 x 115 x 225 mm	Additional Warranty:	1, 2 or 3 years and Batteries for Life
Weight (excl battery):	2.1 lbs / 950 g	Warranty Turnaround Time:	48 hours*
Housing Material:	High-heat thermoplastic	Detector Format:	384 x 288 Uncooled Microbolometer
Display Format:	3.5 in / 90 mm LCD	Displayed Resolution:	110,592 pixels
Impact Compliance:	6' / 2.0 m drop, any orientation	Scene Update Rate:	5,529,600 elements per second
Sealing Compliance:	IP67, 1.0 m submersion for 30 mins	Spectral Response:	8 to 14 µm
Intrinsic Safety Compliance:	UL Class 1, Division 2 (pending)	Dynamic Range:	-40°F to 2000°F / -40°C to 1100°C
Battery Technology:	Rechargeable Li-Ion	Field-of-View:	54° (diagonal)
Battery Duration:	4 hours (nominal)	Colorization:	Temperature dependant gradient
Recharge Time:	2.5 Hours (nominal)	Direct Temperature Measurement:	Yes
User-Interface:	1, 3 or 5 button options	Dynamic Temperature Measurement:	Hot Spot & Cold Spot Tracker
Display Information:	On-screen annotations and LEDs	Temperature Readout:	Digital readout and reference bar
Warranty:	Two Year Warranty	Digital Zoom:	X2 and X4 magnification

To understand more about our cameras superior specification information, please visit our website



#### BATTERY FOR LIFE

\*Fed up with batteries failing, losing charge or unable to allocate budget for those unforeseen repairs. For a nominal one off payment, take part in our battery for life program and never pay for another new battery again. Shipping fees may apply.

24 Hour Replacement - Manage Your Budget - Save Money



#### FAST SERVICE

At ISG Infrasy, we believe in exceptional customer service and it's our mission to deliver a great after-sale care package to help ensure complete peace of mind for our customers.

\*Because of our commitment to exceptional service, we're able to offer all our customers a 48 hour turnaround on warranty repairs. This means that from receipt of the product at our service centers, we'll have your product repaired and shipped back to you within 2 working days.

For more information on battery for life program and fast service, plus our \*terms and conditions visit:

**ISGFIRE.COM**

#### SALES & MANUFACTURING OFFICES

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**ISG**  
**INFRA SYS** Xseries



### ADVANCED THERMAL IMAGING

The X-Series from ISG, provides exclusive Performance Enhancing Imaging™. Hot Spot Tracking instantly detects the hottest points in a fire scene, Cold Spot Tracking instantly Identifies the coldest object in the scene, and Tactical Color provides a visual picture of rapid heat changes. This amazing TIC enhances the performance and safety of firefighters. Book a demo today to see why there is no other camera like it.



**EXCLUSIVE INTELLIGENT FOCUS**

Enables you to control the information you see as the TIC automatically adjusts dependant on the objects being viewed in the scene.

**HOT AND \*COLD SPOT TRACKER**

(PATENT PENDING)

Allows you to immediately identify the hottest or coldest part of the scene, giving you more decision making capability and further enhancing firefighter safety, our new cold spot tracker is ideal for spotting hazmat gas leaks.

**FULL-SIZE LCD**

Utilizes a full-size 3.5" LCD for maximum provision of scene information at all times.

**100K SUPER HIGH RESOLUTION**

Uses our world-famous infrared imaging technology to provide crisp and clear imaging performance in temperatures exceeding 2000°F/1000°C.

**LASER-POINTER**

Assists with communication between team members.

**TACTICAL COLOUR**

Recognise different temperature ranges depicted in a scene. Objects are identifiable based on their temperature, with cold objects appearing as black, scaling through grey, white, yellow, orange and red as the temperatures get hotter.

**CUSTOM CONFIGURATION**

Available as a one button on/off configuration or three configurations for added features.

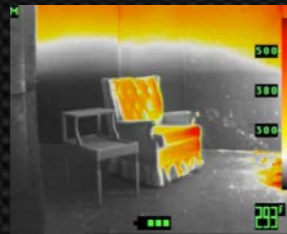
**CONSTANT DIGITAL VIDEO RECORDING**

Choose this option to simply switch on your camera and automatically activate live recording for four hours. easy download footage and review, an ideal training option.

**SMALL & LIGHTWEIGHT**

Weighs just 950g / 2.1 lbs and has 50% less volume than other TICs making it less cumbersome and easier to handle.

**PLUS MORE...**



Tactical Colour helps to understand potential off gassing or flashover situations



Use the Hot Spot Tracker to identify high-risk areas in the floor or ceiling, or to locate the seat of the fire,



Intelligent Focus puts more control in your hands by allowing you to decide which scene details you want to see more of.



**ENHANCEMENTS & ACCESSORIES**

X-Series cameras deliver a level of situational awareness unmatched by any other camera on the market, they deliver performance enhancing imaging that allow the user to fully interpret a fire scene and make better, safer, tactical decisions. The X-Series is a powerful but small format personal camera which provides super-clear image clarity with high-resolution imagery and full-size LCD, all housed inside this lightweight and compact system.

**INTELLIGENT FOCUS**

This feature is only found in ISG thermal imagers. With Intelligent Focus, firefighters have the ability to focus their camera directly toward an object of interest, and see that object in crystal clear detail Just point the camera directly toward the object and watch your camera do the rest! Book a demo and test this feature now!

**\*EXCLUSIVE COLD SPOT TRACKER**

This vital image enhancement allows firefighters to locate and pin point thread or valve gas leaks, as gas in general will be colder in temperature than the environment surrounding it. This exclusive enhancement on the X-Series has impressed firefighters who regularly discover new applications for its use in firefighting. To operate simply select the Cold Spot Tracker, a special cross hair will identify the coldest object in the scene, tracks it, and displays its relative temperature.



**FAST ATTACK MICRO CHARGER**

The Fast Attack Micro Charger is the smallest most compact truck charger from ISG Infrasy. Its intelligent design allows for easy installation in a vehicle so your TIC and spare battery are always fully charged and ready for use.



**DRIVE-AWAY DETECTION**

ISGs new Drive-Away Detection is a unique warning system that alerts you when your TIC is missing from the docking station.

- \*Guarantees your most essential equipment doesn't get accidentally left behind.
- \*Fully automated with minimal user operation and can be disabled when not in service.
- \*No additional power source required as Drive-Away Detection is directly powered by the Truck Charger.
- \*Simply turn-on and listen out for the alarm sounding if you leave your TIC behind.
- \*Drive-Away Detection retro-fits to any existing X-Series Micro Truck Chargers.