

WHERE THERE'S SMOKE, THERE'S ISI

ISI Surveyor

Dual Charging Methods: Charge the battery while still in the camera with the Internal Battery Charger and charge the spare battery at the same time with the External Battery Charger. Both chargers come standard.

Reverse Polarity: This feature will allow a user to switch the heat signature between black hot and white hot. This provides the firefighter with greater clarity and definition of the scene.

Ergonomics: Weight distribution and style designed for minimal user fatigue.

Battery Compartment: Design allows for battery to be installed in either direction, and utilizes a strong, rugged cam-lock latch for safe, quick change outs.

Front Boot: This thick silicone boot will shield the front lenses from damage and impact.

Raytheon Digital Core: The Digital core in conjunction with the digital electronics improves the picture quality and image.



International Safety Instruments, Inc.

Technology that saves time™

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FEATURES

BENEFITS

BST DIGITAL TECHNOLOGY

Proven performer and leading sensor used in fire service thermal imagers.

AUTOMATIC IRIS

Provides sensor protection from over exposure to thermal radiation without manual adjustments.

INTERNAL BATTERY CHARGER

Allows the battery to be charged while in the camera.

CONSTRUCTION

A flame resistant, heat deflective Ultem® outer shell is used for thermal and shock protection. All straps are made of flame retardant Kevlar® material

SENSOR OVERLOAD WARNING SYSTEM

Alerts user to high internal temperature buildup, which may cause picture degradation and/or sensor shutdown.

SHOCK RESISTANT

Designed to pass the three foot drop test at any angle. Protective front bumper and rear visor for shock absorption.

WATERPROOF

ISI SURVEYOR is designed to meet the IP67 classification of water-proofing.

THERMAL PROTECTION

Built-in Sensor TEC automatically controls internal operating temperature. Heat deflective and flame resistant casing material provides long-term endurance to heat exposure.

OPTIONS

ACCUTEMP

Direct Digital Temperature Measurement: measuring temperatures of walls, doors and objects from as far as 300 feet. Features "cross-hair" targeting system with digital on-screen readout. Readout in graduations of 4°F or 2°C.

VIDEOMIX

With the push of a button, superimpose a video image on top of the thermal image for greater perspective and depth perception. Perfect for HazMat applications, fire scene size-up, overhaul and investigation.

REVERSE POLARITY

Heat Signature Definition: changes the heat signature from white to black. Provides greater clarity and definition to the scene.

WIRELESS VIDEO TRANSMISSION SYSTEMS

Choose from the Video Link Plus and Dual-Channel 2.4. ISI gives you the choice between a single channel or two channel system.

PISTOL GRIP

A detachable pistol grip shaped handle for better dexterity and control. Kevlar® wrist strap attached for greater security.

TRUCK MOUNT

A camera holder for attachment to your vehicle. Also stores additional batteries and charging accessories.

PARTIAL TECHNICAL SPECIFICATIONS

CONFIGURATION

Hand-held, portable, completely self-contained

IMAGER DIMENSIONS

Height	7.25 inches with visor
Width	6.5 inches
Length	13.0 inches
Weight	6 lbs, 1 oz. with battery

SENSOR

Digital BST solid state
Hybrid construction
Nominal 320 x 240 readable pixels
Thermal electric control circuitry
Video output RS-170

OPTICS

Focal length	18 mm
Max. aperture	f/1.0
Field of view	59° diagonal
Focus	fixed

ELECTRONICS

LCD is recessed and magnified for protection
Two distinct and separate battery level indicators
Automatic saturation control
Internal battery charging system
Rechargeable battery pack

PERFORMANCE

Up to 2.5 hours nominal battery time
Waterproof to IP67
Heat deflective/flame resistant casing
Shock resistant casing - meets 3 ft. drop test
Charge/trickle internal charging
Charge/trickle/refresh external charging

ISI'S THERMAL IMAGING CAMERAS



**NAVIGATOR
DIGITAL**



SURVEYOR

WIRELESS COMMUNICATION SYSTEMS



**DUAL
CHANNEL 2.4**



**VIDEO LINK
PLUS**



NAVIGATOR 2.4