

WHERE THERE'S SMOKE, THERE'S ISI

ISI Navigator Digital

The Navigator Digital is a hand-held thermal imaging camera that combines BST Digital technology with a large backlit digital LCD internal monitor. The Navigator Digital survives the demanding and life threatening environment firefighters are asked to perform in everyday.

Navigator Digital Features:

- Automatic Iris
- Standby Mode
- Internal Battery Charger
- Sensor Overload Warning System
- 4" Digital LCD Monitor

Navigator Digital Options:

- Digital Zoom
- Accutemp Pyrometer
- Internal Transmitter
- Reverse Polarity



Large, easy access buttons for:

- On/Delay Off
- Standby Mode
- Reverse Polarity
- Internal Transmitter
- Zoom



The Navigator Digital stands up to the demanding and life threatening environment of firefighters with:

- Rugged Front Bumper
- Shock Absorbent Rear Visor
- Ultem® Heat Resistant Casing
- IP67 Classification Waterproofing
- Passes the Three Foot Drop Test



International Safety Instruments, Inc.
922 Hurricane Shoals Rd.
Lawrenceville, GA 30043
Phone: 770-962-2552 or Toll free: 888-ISI-SAFE
Fax: 770-963-2797
www.intsafety.com

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.

STANDBY MODE

Extends battery duration while eliminating warm-up time. Developed especially for use by RIT personnel.

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 NAVIGATOR DIGITAL is designed to meet the IP67 classification of waterproofing.

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.

DIGITAL ZOOM

Cut the distance between you and a victim, or the seat of the fire, in half instantly with a push of the button.

REVERSE POLARITY

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

NAVIGATOR 2.4

Wireless Video Transmission System: transmits video signal to a remote monitor at the Incident Command Center. This 2-channel system allows for simultaneous transmission from two imagers at the scene with minimal interference.

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	6.1 inches
Width	6.5 inches
Length	10.0 inches
Weight	5 lbs, 5 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

4 inch DIGITAL LCD display
LED battery level indicator
Automatic saturation control
Internal battery charging system
Rechargeable battery pack

PERFORMANCE

Up to 2 hours nominal battery time
Waterproof to IP67
Heat deflective/flame resistant casing
Shock resistant casing - meets 3 ft. drop test
Quick charge/trickle/internal charging
Charge/trickle/refresh charger

ISI'S THERMAL IMAGING CAMERAS



NAVIGATOR
DIGITAL



SURVEYOR

WIRELESS COMMUNICATION SYSTEMS



DUAL
CHANNEL 2.4



VIDEO LINK
PLUS



NAVIGATOR 2.4