Mi-TIC E ™

Lightweight size up imager and an affordable interior structural firefighting camera. The combination of low cost and long list of features make this the perfect tool for any fire department.

- Available in 1 or 3 button options
- 3 button models are user programmable
- The lightest and most affordable NFPA1801:2018 compliant thermal imager for firefighters
- Small and wearable at just 26 ounces with a large 2.7″ display
- High dynamic temperature range: 1400°F for excellent detail in day-to-day fire scenarios

Mi-TIC E L ™

Lightweight size up imager with an oversized display – an affordable interior structural firefighting camera. The combination of low cost and long list of features make this the perfect tool for any fire department.

- Available in 1 or 3 button options.
- 3 button models are user programmable.
- The lightest and most affordable thermal imager for firefighters.
- Small and wearable at just 1lb 15oz (865g) with a large 3.5″ (90mm) display.
- High dynamic temperature range: 1400°F (760°C) for excellent detail in day-to-day fire scenarios.

CAMERA WARRANTY **3** YEAR · Mi-TIC E · Mi-TIC E L ·

BATTERY WARRANTY **5** YEAR · Mi-TIC E · Mi-TIC E L ·

SENSOR AND LENS WARRANTY **10** YEAR · Mi-TIC E · Mi-TIC E L ·

Retractable lanyard attachments

Picatinny rail mount (Mi-TIC E and Mi-TIC 320) – add picatinny accessories such as flashlight or laser

Field replaceable Germanium lens

High grip rubber over molding

Charger latching point NFPA1901:2016 Compliant

Charging, programming, and data access connections

The **argus®** range of thermal imaging cameras

Value Driven Fire Attack and Size Up tools for every firefighter. The lightweight and rugged design follows a history of argus thermal imaging and connects value driven customers to high end thermal imaging and NFPA compliance.

Built in laser pointer
(Mi-TIC S only)

Pocket clip

Mi-TIC E
Mi-TIC 320   **2.7"** DISPLAY

Mi-TIC EL
Mi-TIC S   **3.5"** DISPLAY

Rubberized display protection

On/Off / NFPA TI Basic Button

User configurable buttons

Standard 2+ hour battery
Optional 5 hour battery

argus®

The Original Hand Held Thermal Imager

Mi-TIC 320™

Lightweight high end thermal imaging with premium dynamic range and firefighting capabilities.

- ■ User programmable buttons
- ■ The lightest and most affordable NFPA1801:2018 compliant thermal imager for firefighters
- ■ Small and wearable at just 26 ounces with a large 2.7" display
- ■ Highest dynamic temperature range: 2,000°F for excellent detail in heavy firefighting applications

Mi-TIC S™

Premium light weight thermal imaging with industry leading dynamic range and oversized display for top performance in the most extreme firefighting environments. The most versatile thermal imager in the market.

- ■ User programmable buttons
- ■ The lightest and most affordable NFPA1801:2018 compliant thermal imager for firefighters
- ■ Small and wearable at just 28 ounces with an oversized 3.5" display
- ■ Highest dynamic temperature range: 2,000°F for excellent detail in heavy firefighting applications
- ■ Laser pointer, compass, heat seeker hottest spot identifier, cold seeker – coldest spot indicator and much more

CAMERA WARRANTY
5 YEAR
Mi-TIC 320 ■ Mi-TIC S

BATTERY WARRANTY
5 YEAR
Mi-TIC 320 ■ Mi-TIC S

SENSOR AND LENS WARRANTY
10 YEAR
Mi-TIC 320 ■ Mi-TIC S

STANDARD FEATURES	Mi-TIC E	Mi-TIC EL	MI-TIC 320	Mi-TIC S
320 X 240 Resolution	●	●	●	●
Digital spot temperature measurement	●	●	●	●
Tri-Mode Sensitivity	●	●	●	●
Customizable Start-Up Screen	●	●	●	●
A retractable lanyard and pocket clip	●	●	●	●
Black box recording included	●	●	●	●
Data transfer software and hardware	○	○	●	●
Digital video and image capture	○	○	●	●
Display size (diagonal)	2.7"/69mm	3.5"/90mm	2.7"/69mm	3.5"/90mm
Dynamic range	1400°F/760°C	1400°F/760°C	2000°F/1100°C	2000°F/1100°C
Multiple color and fire viewing modes	○	○	●	●
Highest dynamic range			●	●
Heat Seeker to locate hottest spot in the scene			●	●
Cold Seeker to locate coldest spot on the scene			●	●
Electronic compass for greater scene awareness				●
Laser pointer to aid communication				●

Available with three button cameras ○ As Standard ●

APPLICATIONS and Sub application		Mi-TIC E	Mi-TIC EL	MI-TIC 320	Mi-TIC S
Ventilation location selection		■	■	■	■
Search and Rescue (fire and non-fire)		■	■	■	■
Seat of fire localization		■	■	■	■
Overhaul		□	■	■	■
Size Up		□	■	■	■
Interior Structural Firefighting	Fully developed fire (post flashover)	□	□	■	■
	Rapid fire development (pre-flashover)	□	□	■	■
	Burning materials	□	□	■	■
	Surrounding materials	□	□	■	■
	Room contents	□	□	■	■
	Seat of fire localization	□	□	■	■
Hot Spot localization		□	□	■	■
Cold Spot Localization		□	□	□	■
Directional Awareness/Compass					■

Better □ Best ■

Standard Features
(1 and 3 button cameras)

Dynamic Scene Enhancement
Dynamic Scene Enhancement (DSE) technology increases the contrast between the fire and important details at lower temperatures such as exit point and obstacles.

Direct Temperature Measurement
Measures the "spot" temperature for quantifying hazards and comparing objects.

Software Customization Tool
Software Customization Tool enables end users to configure the functionality that they desire.

Black Box Recording
Permanently records thermal video when the camera is turned on.

Tri-Mode Sensitivity
Automatically switches to the optimum level of sensitivity to give the lowest amount of noise over the widest possible temperature range.

Customizable Start-Up Screen
Personalize your camera with any image when the camera is turned on.

Software updates
Free periodic software updates available online to enhance performance and add features

Standard Features
(3 button cameras only)

Image and Video Capture
Image and video recording for post-operation and training review.

Image and Video Preview
Allows images and video to be previewed on screen.

Image Freeze
Image freeze function to investigate potentially high temperature areas in the fire scene (e.g. loft space) with the shortest possible exposure time.

Application Modes
6 specific application modes for easier image interpretation:

Fire Mode – High dynamic range and imaging for interior structural Firefighting.

Overhaul Mode – Easily identify hottest spots identified with red colorization.

Size Up Mode – Easy colorization for size up from outside of the fire scene.

Inspection Mode – Full color scheme for preventative maintenance applications.

White Hot Mode (gray scale only) – White hot for general applications with no heat colorization.

Missing Person Mode – Optimized contrast and blue colorization used to enhance search efforts in non-fire applications (wilderness/ automobile accidents/etc).

Advanced Features

Extended Temperature Range
Extended dynamic temperature range on the Mi-TIC 320 and Mi-TIC S (1100°C/2000°F) allows firefighters to see detail even in the largest and hottest fires.

Laser
Laser pointer to aid communication.

Electronic Compass
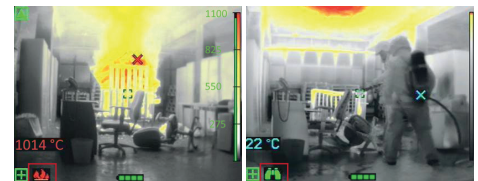Displays letters to show directional information for faster rescues and improved situational awareness.

Heat Seeker
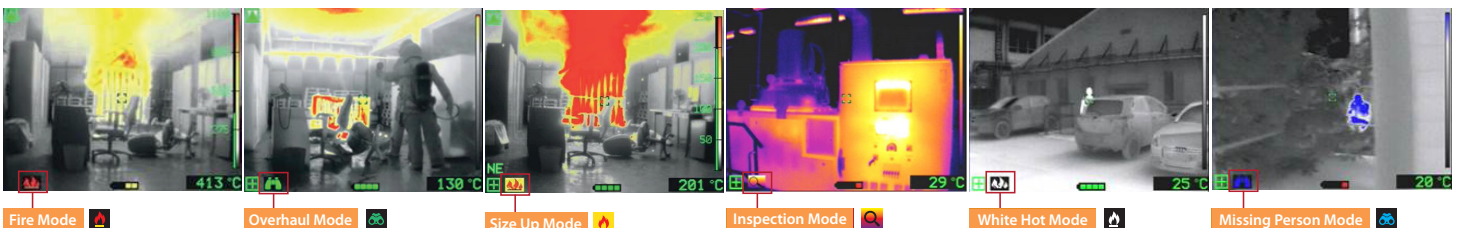Identifies and tracks the hottest point in the scene for directing the fire attack.

Cold Seeker
Identifies and tracks the coldest point in the scene e.g. to locate the air-pack of a downed firefighter.

Heat Seeker Mode

Cold Seeker Mode

Fire Mode

Overhaul Mode

Size Up Mode

Inspection Mode

White Hot Mode

Missing Person Mode

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