

SEE THE DIFFERENCE

# Mi-TIC™



Mi-TIC E™



Mi-TIC S™



Mi-TIC 320™

The complete range of NFPA1801:2013 compliant thermal imagers

[argusdirect.com](http://argusdirect.com)

**argus**®  
thermal imaging from Avon Protection



# Mi-TIC E™

Lightweight size up imager and an affordable interior structural fire-fighting 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 NFPA1801:2013 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 320™

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

- Available in 1 or 3 button options
- 3 button models are user programmable
- The lightest and most affordable NFPA1801:2013 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-TICS™

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 NFPA1801:2013 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 the heavy firefighting applications
- Laser pointer, compass, heat seeker hottest spot identifier, cold seeker – coldest spot indicator and much more



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.



## All 3 button cameras outfitted with:

- Fire Mode – High dynamic range and imaging for interior structural firefighting
- Size Up Mode – Easy colorization for size up from outside of the fire scene
- Overhaul mode – Easily identify hottest spots identified with red colorization
- Missing Person Mode – Optimised contrast and blue colorization used to enhance search efforts in non-fire applications (wilderness / automobile accidents/etc)
- White Hot (grey scale only) Mode – White hot for general applications with no heat colorization
- Inspection Mode – full color scheme for preventative maintenance applications

## All cameras outfitted with:

- DSE (Dynamic Scene Enhancement) technology makes the details easier to see, whether in dynamic fire environments or in low contrast searches. DSE makes all Mi-TIC thermal imagers a step above the rest
- Image freeze, Image capture, and Video capture are standard on all Mi-TIC imagers
- Software Customization Tool- enables end users to configure the functionality that they desire. Simply activate/deactivate any of the desired functionality
- Battery Charger - Space saving smart charger that simultaneously charges the camera and spare battery ensuring your equipment is ready to respond when you are

STANDARD FEATURES	Mi-TIC E	Mi-TIC320	Mi-TICS
320 X 240 Resolution	■	■	■
Digital spot temperature measurement	■	■	■
Truck mountable charging station 120V/240V AC or 12/24V DC (cigarette lighter adapter)	■	■	■
A retractable lanyard and pocket clip	■	■	■
Black box recording included	■	■	■
Data transfer software and hardware	■	■	■
Digital video and image capture	■	■	■
Two rechargeable batteries	■	■	■
Display size (diagonal)	2.7" / 69mm	2.7" / 69mm	3.5" / 90mm
Dynamic range	1400°F/760°C	2000°F/1100°C	2000°F/1100°C
Multiple color and fire viewing modes	■	■	■
Full compliment of viewing modes	■	■	■
DR Image Enhancement	■	■	■
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	■	■	■

APPLICATIONS	Sub application	Mi-TIC E	Mi-TIC320	Mi-TICS
Ventilation location selection		■	■	■
Search and Rescue (fire)		■	■	■
Search and Rescue (non-fire)		■	■	■
Seat of fire localization		■	■	■
Overhaul		■	■	■
Size Up		■	■	■
Interior Structural Firefighting	Fully developed fire (post flashover)	□	■	■
Interior Structural Firefighting	Rapid fire development (pre-flashover)	□	■	■
Interior Structural Firefighting	Burning materials	□	■	■
Interior Structural Firefighting	Surrounding materials	□	■	■
Interior Structural Firefighting	Room contents (door, floor, chair, person, hole in floor, water stream)	□	■	■
Interior Structural Firefighting	Seat of fire localization	□	■	■
Hot Spot localization		□	■	■
Cold Spot Localization		□	□	■
Directional Awareness/Compass		■	■	■

Good ▽ Better □ Best ■



thermal imaging from Avon Protection

The Original Hand Held Thermal Imager



## ORDERING INFORMATION

Part Number	Description
Mi-320-1-E	Mi-TIC E with 1 button
Mi-320-3-E	Mi-TIC E with 3 buttons
Mi-320-1-NFPA	Mi-TIC 320 with 1 button
Mi-320-3-NFPA	Mi-TIC 320 with 3 buttons
Mi-320-3-S	Mi-TIC S with 3 buttons
ARG_Mi_BLPL	argus Mi-TIC Lithium Iron Phosphate Battery (large)
ARG_Mi_BHC	Black Hard Carrying Case
3_YR_WARRANTY_TIC	1 year of additional warranty (3 total years)
5_YR_WARRANTY_TIC	3 years of additional warranty (5 total years)
3_YR_WARRANTY_TICPLUS	1 year of additional warranty (3 total years) - includes batteries
3_YR_WARRANTY_TICPLUS	3 years of additional warranty (5 total years) - Includes batteries
P7030SC	argus durable soft case
ARG_Mi_BAA	argus Mi-TIC AA alkaline battery pack
ARG_Mi_RW	argus Mi-TIC Replacement germanium window
ARG_Mi_RWS	argus Mi-TIC Replacement germanium window Short
P7030NS	argus neck strap
ARG_Mi_CS	argus Mi-TIC Charger station
ARG_Mi_RL	argus Mi-TIC Retractable Lanyard
ARG_Mi_BLPSN	argus Mi-TIC Lithium Iron Phosphate Battery (standard) NFPA
ARG_Mi_PSU	argus Mi-TIC Power Supply
ARG_Mi_PCLIP	argus Mi-TIC Pocket Clip
ARG_Mi_DB	argus Mi-TIC Display Bumper
ARG_Mi_USB	argus Mi-TIC USB Cable to charger
ARG_Mi_MB	argus Mi-TIC Charging station mounting bracket
ARG_Mi_BLPYN	argus Mi-TIC Lithium Iron Phosphate Battery (standard yellow)

## UPGRADES

Part Number	Description
Mi-320-3-SU	Mi-TIC Large Screen Upgrade

## WARRANTY

24-month warranty as standard.  
(Rechargeable battery pack excluded – Warranty for 12 months.)

Warranty can be extended for up to an additional three years at the time of purchase (exclusions apply).

To arrange a demonstration, visit:

**argusdirect.com**

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## ENVIRONMENTAL DATA

<b>Thermal conditions</b>	Each camera has been designed to operate: <ul style="list-style-type: none"> <li>• continuously between -20°C (-4°F) and +85°C (185°F) or</li> <li>• 150°C (300°F) for 15 minutes</li> <li>• 260°C (500°F) for 5 minutes</li> </ul>
<b>Sealing</b>	IP67, will withstand immersion in water
<b>Impact</b>	Each camera will withstand a drop from a height of 2m (78 inches) onto concrete
<b>Storage</b>	It is recommended that for maximum effective operational life, the storage temperature is kept between -20°C (-4°F) and +40°C (104°F)

## ELECTRICAL DATA

<b>Power consumption</b>	<3 W typical
<b>Start-up time</b>	Under 5 seconds
<b>Battery type</b>	Lithium Iron Phosphate Rechargeable Battery
<b>Battery capacity</b>	1100 mAh, 6.6V (std battery); 2500 mAh, 6.6V (high capacity battery)
<b>Std battery life</b>	In excess of 2hrs @ ambient temperature (22°C, 72°F)
<b>Std battery charge time</b>	Less than 2 hours
<b>High capacity battery life</b>	In excess of 5hrs @ ambient temperature (22°C, 72°F)
<b>High cap, battery charge time</b>	Less than 4.5 hours
<b>Battery recharge cycles</b>	Over 1000 cycles
<b>Battery charging temp.</b>	5°C to 40°C (41°F to 104°F)
<b>Charger input voltage</b>	120V/240V AC or 12V/24V DC vehicle system
<b>Charger operating temp.</b>	0°C to 40°C (32°F to 104°F)

## TRUCK MOUNT



- Dual use desktop/in-truck charger station
- Download image and video via USB
- Supplied with every camera
- Truck rollover NFPA1901:2016 compliant
- Charges camera and spare battery
- 120V/240V AC or 12/24V DC
- Daisychain up to 6 chargers