

SEE THE DIFFERENCE

Mi-TIC™



Mi-TIC **E**



Mi-TIC **S**



Mi-TIC **320**

The complete range of NFPA1801:2013 compliant thermal imagers



avonprotectionfire.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-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 NFPA1801:2013 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.



argus[®]
thermal imaging from Avon Protection

The Original Hand Held Thermal Imager

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
- Black Hot - grey scale only colors hot object black for a different contrast and use in high glare environments

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 ■

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

Mi-TIC E

3 Year Camera Warranty
5 year Battery Warranty
10 year focusing lens and Sensor Warranty

Mi-TIC 320 and Mi-TIC S

5 Year Camera Warranty
5 year Battery Warranty
10 year focusing lens and Sensor Warranty

To arrange a demonstration, visit:

avonprotectionfire.com

Copyright © argus 2017. The argus name and logo is the registered trade mark of Avon Rubber p.l.c. argus is a trading name of Avon Polymer Products Limited, registered in England with no. 00149360 and Avon Rubber p.l.c., registered in England with no. 00032965, both with their registered office at Hampton Park West, Semington Road, Melksham, Wiltshire, SN12 6NB, UK."

Avon Protection has worked diligently to ensure the accuracy of the information contained herein. Avon Protection accepts no responsibility for the consequences of any use thereof and also reserves the right to change the specification and/or design of goods without notice.

Avon Protection accepts no liability beyond that set out in its standard terms and conditions of sale.

T: 1-888-286-6440 E: customerservice@avon-protection.com

ENVIRONMENTAL DATA

Thermal conditions	Each camera has been designed to operate: • continuously between -20°C (-4°F) and +85°C (185°F) or • 150°C (300°F) for 15 minutes • 260°C (500°F) for 5 minutes
Sealing	IP67, will withstand immersion in water
Impact	Each camera will withstand a drop from a height of 2m (78 inches) onto concrete
Storage	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

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