

EVOLUTION[®] 6000 Basic Thermal Imaging Camera



Provides easy-to-use TIC performance— a simplified fireground tool.

- Economical, durable value to fit your budget
- NFPA 1801-compliant
- Save on repair costs with rugged, waterproof and shock-resistant product design
- 320x240 high definition image quality offers excellent resolution
- Standard flashlight provides extra visibility for firefighter proximity to enhance safety and situational awareness
- Laser pointer pinpoints hot spots and other areas of interest to allow others to take fast, specific action
- Patented dual-handle design for easy handoff on the fireground
- Three carabiner attachment points offer flexibility in attaching camera to firefighter



Colorized Basic Image



Three Carabiner Attachment Points



Patented Dual-Handle Design



Field-Replaceable Germanium Lens



Flashlight/Laser Pointer

WHEN YOU GO IN, WE GO IN WITH YOU.

Technical Specifications

CONSTRUCTION	Flame retardant (<i>material passes NFPA direct flame exposure test</i>) IP67 (<i>withstands immersion to 3 ft. [1 m]</i>)
APPROXIMATE DIMENSIONS	7.3" x 4.8" x 11.6" (L x W x H) (185 mm x 122 mm x 295 mm)
SENSOR	Uncooled VOX microbolometer
ARRAY SIZE	320x240
WEIGHT	2.65 lb. (1.2 kg)
POWER SOURCE	Rechargeable lithium-ion battery
OPERATING TIME	3.5 hours at nominal 72°F (22°C)
FIELD OF VIEW	48° H; 37° V
INTRINSICALLY SAFE	Nonincendive equipment (UL Class 1, Div 2)
APPROVALS	NFPA 1801, 2021 Edition-compliant
NET EQUIVALENT TEMPERATURE DIFFERENCE	High Sensitivity: 40 mK (0.040°C) (typical), 78 mK (0.078°C) (max) Low Sensitivity: 234 mK (0.234°C)
ENVIRONMENTAL AMBIENT TEMPERATURE AND OPERATING TIME	176°F (80°C) > 30 minutes 248°F (120°C) > 20 minutes 500°F (260°C) > 6 minutes -22°F (-30°C) > 40 minutes -40°F (-40°C) > 25 minutes

Ordering Information

EVOLUTION 6000 Basic TIC	
10145938	EVOLUTION 6000 Basic TIC (includes flashlight, laser pointer, degrees F)
10145939	EVOLUTION 6000 Basic TIC (includes flashlight, laser pointer, degrees C)
Accessories	
10145859	Multi-use charger (12 V) kit
10148136	Vehicle mounted charger system
10147390	Vehicle mounting bracket
10145749	Reflective label ID kit (<i>includes 3 sets of reflective ID labels</i>)
10120606-SP	Lithium-ion battery
10145748	Tripod adapter
10040005	Carabiner
10127441-SP	Plastic carrying case
10040226	Retractable lanyard
10039515	Shoulder strap
10039516	Wrist strap
10148391-SPW	Protective display covers (<i>3 per package</i>)
EVOLUTION 6000 Charging Kits	
10145750	EVOLUTION 6000 TIC Station Kit (includes carrying case, 2 rechargeable batteries, multi-use charger [North America], retractable lanyard, and carabiner)
10145771	EVOLUTION 6000 TIC Vehicle Kit (includes 2 rechargeable batteries, vehicle charger, retractable lanyard, and carabiner)

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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