

# EVOLUTION<sup>®</sup> 6000 Xtreme Thermal Imaging Camera



## A Fireground Tool That Provides All That Firefighters Need & More

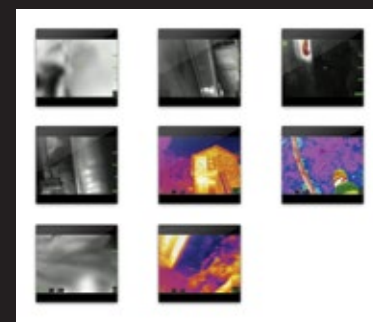
- NFPA 1801-compliant
- Integrated picture/video capture saves pictures and video for future review and training use
- 2X/4X zoom gets a closer look at areas of interest
- 320x240 high-definition image quality offers excellent resolution
- Six user-selectable color palettes provide flexibility to view thermal images
- 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
- Compass allows for faster rescues and improved situational awareness by displaying letters or icon for directional information
- Optional integrated range finder offers more usable information about surroundings to enable faster, more precise action, from 16 to 210 ft. (5 to 70 m) away (replaces flashlight option)



Camera Configuration Application



Video Capture



Picture Capture

WHEN YOU GO IN, WE GO IN WITH YOU.

## Technical Specifications

<b>CONSTRUCTION</b>	Flame retardant ( <i>material passes NFPA direct flame exposure test</i> ) IP67 ( <i>withstands immersion to 3 ft. [1 m]</i> )
<b>APPROXIMATE DIMENSIONS</b>	7.3" x 4.8" x 11.6" (L x W x H) (185 mm x 122 mm x 295 mm)
<b>SENSOR</b>	Uncooled VOX microbolometer
<b>ARRAY SIZE</b>	320x240
<b>WEIGHT</b>	2.8 lb. (1.2 kg)
<b>POWER SOURCE</b>	Rechargeable lithium-ion battery
<b>OPERATING TIME</b>	3.5 hours at nominal 72°F (22°C) (2.5 hours with video capture in use)
<b>FIELD OF VIEW</b>	48° H; 37° V
<b>RANGE FINDER</b>	Usable range 210 ft. (70 m) Accuracy ±3 ft. (1 m) at 109 ft. (33 m)
<b>INTRINSICALLY SAFE</b>	Nonincendive equipment (UL Class 1, Div 2)
<b>APPROVALS</b>	NFPA 1801, 2021 Edition-compliant
<b>NET EQUIVALENT TEMPERATURE DIFFERENCE</b>	<b>High Sensitivity:</b> 40 mK (0.040°C) (typical), 78 mK (0.078°C) (max) <b>Low Sensitivity:</b> 234 mK (0.234°C)
<b>IMAGE STORAGE (6000X ONLY)</b>	Number of images stored, 1000 minimum Format – JPG
<b>VIDEO STORAGE (6000X ONLY)</b>	Length – 4-hour minimum Format – MPEG 4
<b>ENVIRONMENTAL AMBIENT TEMPERATURE AND OPERATING TIME</b>	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 Xtreme TIC	
<b>10145958</b>	EVOLUTION 6000 Xtreme TIC (includes flashlight, laser pointer, degrees F, 2X/4X zoom, color palettes, compass, image capture, video capture)
<b>10145959</b>	EVOLUTION 6000 Xtreme TIC (includes laser range finder (feet), laser pointer, degrees F, 2X/4X zoom, color palettes, compass, image capture, video capture)
<b>10145960</b>	EVOLUTION 6000 Xtreme TIC (includes flashlight, laser pointer, degrees F, 2X/4X zoom, color palettes, compass, video transmitter, image capture, video capture)
<b>10145961</b>	EVOLUTION 6000 Xtreme TIC (includes laser range finder (feet), laser pointer, degrees F, 2X/4X zoom, color palettes, compass, video transmitter, image capture, video capture)
<b>10145962</b>	EVOLUTION 6000 Xtreme TIC (includes flashlight, laser pointer, degrees C, 2X/4X zoom, color palettes, compass, image capture, video capture)
<b>10145963</b>	EVOLUTION 6000 Xtreme TIC (includes laser range finder (meters), laser pointer, degrees C, 2X/4X zoom, color palettes, compass, image capture, video capture)
Accessories	
<b>10145859</b>	Multi-use charger (12 V) kit
<b>10148136</b>	Vehicle mounted charger system
<b>10147390</b>	Vehicle mounting bracket
<b>10145749</b>	Reflective label ID kit ( <i>includes 3 sets of reflective ID labels</i> )
<b>10120606-SP</b>	Lithium-ion battery
<b>10145748</b>	Tripod adapter
<b>10040005</b>	Carabiner
<b>10127441-SP</b>	Plastic carrying case
<b>10040226</b>	Retractable lanyard
<b>10039515</b>	Shoulder strap
<b>10039516</b>	Wrist strap
<b>10148391-SPW</b>	Protective display covers ( <i>3 per package</i> )
EVOLUTION 6000 Charging Kits	
<b>10145750</b>	EVOLUTION 6000 TIC Station Kit (includes carrying case, 2 rechargeable batteries, multi-use charger [North America], retractable lanyard, and carabiner)
<b>10145771</b>	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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