

EVOLUTION® 6000 Xtreme Thermal Imaging Camera



A fireground tool that provides all that firefighters need and more

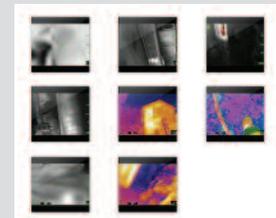
- NFPA 1801-compliant
- Integrated picture/video capture saves pictures and video for future review and training use
- 2X/4X zoom gets a closer look at areas of interest
- 320X240 high definition image quality offers excellent resolution
- Six user-selectable color palettes provide flexibility to view 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 feet (5 to 70 meters) away (replaces flashlight option)



Camera configuration application



Video capture



Picture capture

Because every life has a **purpose...**

Technical Specifications

CONSTRUCTION	Flame retardant (material passes NFPA direct flame exposure test). IP67 [withstands immersion to 3 ft (1 meter)]
APPROXIMATE DIMENSIONS	7.3" x 4.8" x 11.6" (LxWxH) (185 mm x 122 mm x 295 mm)
SENSOR	Uncooled VOX microbolometer
ARRAY SIZE	320X240
WEIGHT	2.8 lbs (1.2 kg)
POWER SOURCE	Rechargeable lithium-ion battery
OPERATING TIME	3.5 hours at nominal 72°F (22°C) (2.5 hours with video capture in use)
FIELD OF VIEW	48° H; 37° V
RANGE FINDER	Maximum range 210 ft (70 m)
INTRINSICALLY SAFE	Nonincendive equipment (UL Class 1, Div 2)

APPROVALS	NFPA 1801, 2013 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)
IMAGE STORAGE (6000X ONLY)	Number of images stored, 1000 minimum Format – JPG
VIDEO STORAGE (6000X ONLY)	Length – 4-hour minimum Format – MPEG 4
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 XTREME TIC	
10145958	EVOLUTION 6000 Xtreme TIC (includes flashlight, laser pointer, degrees F, 2X/4X zoom, color palettes, compass, image capture, video capture)
10145959	EVOLUTION 6000 Xtreme TIC (includes laser range finder (feet), laser pointer, degrees F, 2X/4X zoom, color palettes, compass, image capture, video capture)
10145963	EVOLUTION 6000 Xtreme TIC (includes laser range finder (meters), laser pointer, degrees C, 2X/4X zoom, color palettes, compass, image capture, video capture)

ACCESSORIES	
10145859	Multi-use charger (12V) kit
10148136	Vehicle mounted charger system
10147390	Vehicle mounting bracket
10145749	Reflective label ID kit (includes 3 sets of reflective ID labels)
10120606-SP	Lithium-ion battery
10040005	Carabiner
10127441-SP	Plastic carrying case
10040226	Retractable lanyard
10039515	Shoulder strap
10039516	Wrist strap

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 uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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