

Thermal Imaging Camera Features & Benefits

EVOLUTION[®] **5600**

**DURABILITY YOU EXPECT | PERFORMANCE THAT WILL SURPRISE YOU
FUNCTIONALITY YOU NEED**

DURABILITY

<i>Features</i>	<i>Benefits</i>
Internal mounting foam	60% increase in heat tolerance. Protects system electronics from rough handling. Insulates sensor and electronics.
High impact housing	Adds durability, resists heat, and cleans up easily.
RFI shielded	Protects system electronics and image from harmful radio frequency interference
External rubber bumpers	Protects the unit from drops and rough handling.
Locking battery compartment (in handle)	Fully encloses battery, does not expose bare battery surface to high heat and rough environment.
IP 67 Rating	Resists dust and water ingress

PERFORMANCE

<i>Features</i>	<i>Benefits</i>
Widest high sense operating range of any Fire Service TIC	Provides better performance in high heat conditions.
Indigo 120 x 120 vanadium oxide microbolometer	Provides excellent image quality in a small format TIC.
Lithium ion battery	Lightweight – excellent run time (2 hours)
3 ½" backlit display	Provides a large display in a small format camera.
30 Hz frame rate	Reduces image choppiness associated with slower frame rates
Highest SENSITIVITY in Low Sensitivity mode of any fire service TIC	Extends the dynamic range for better image distinction at higher scene temperatures.
Quick-Temp temperature measurement	Gives users a digital temperature measurement along with a temperature scale measurement to determine advancing heat.
Heat Seeker indicator	Allows the user to easily locate hot spots and the seat of the fire. Effective in High and Low Sensitivity.



FUNCTIONALITY

Features	Benefits
Ergonomic design	Limits user fatigue. Provides better display orientation for the user.
Flexible secondary handle	Provides added protection from impact/drop, easy handoff
Single button on/off/standby	Simple to use, prevents accidental shutdown
Small size and lightweight	Limits user fatigue, easily used as a tool
Carabiner attachment	Allows the TIC to be carried like a tool on a toolbelt or gear. Quick attachment for other carrying attachments.
On-screen Low Sensitivity and shutter indicators	Provides user with notification of Low Sensitivity mode, and sensor shutter activation – a safety feature.
LED indicators	Provides users with On/Off/Standby Status, Overtemperature warning, and battery gas gauge. Very bright user interface for better performance in low light.
Wrist strap*	Can be easily carried on the wrist. Attaches to bunker gear.
Shoulder strap*	Completely frees hands when camera is not in use. Quick seatbelt release for added safety.
Retractable lanyard*	Retracts the TIC to ready position when not in use
Evolution 5000 series universal truck charger*	Provides ready access to TIC and charges a spare battery
Reflective label ID kit*	Allows user to personalize the TIC to specific station/department with a choice of five different color labels.



*Optional

Evolution 5600 TIC ORDERING INFORMATION

Description	P/N
Evolution 5600 TIC with Heat Seeker*, Quick-Temp, standard charger, two rechargeable lithium ion batteries and plastic carrying case less NTSC video connector	10077996
Evolution 5600 TIC with Heat Seeker*, Quick-Temp, universal truck charger and two rechargeable lithium ion batteries less NTSC video connector	10077997
Evolution 5600 TIC with Heat Seeker*, Quick-Temp, standard charger, two rechargeable lithium ion batteries and plastic carrying case with NTSC video connector	10077998
Evolution 5600 TIC with Heat Seeker*, Quick-Temp, universal truck charger and two rechargeable lithium ion batteries with NTSC video connector	10077999

* Specify Fahrenheit or Celsius when ordering

Evolution 5600 TIC ACCESSORY ORDERING INFORMATION

Description	P/N	Description	P/N
Charger, 110-220V AC with cigarette lighter adapter	10041100	Sun shroud	10039603
Lithium Ion battery	10038412	Reflective label ID kit	10062184
Vehicle-mounted charger	10067565	Disposable display covers (clear)	10038970
Wrist strap	10039516	Non-charging mounting bracket	10067707
Shoulder strap	10039515	Tripod adapter	10040229
Retractable lanyard	10040226	Video capture system (requires camera with a NTSC video connector)	10071750
Carabiner	10040005	Plastic carrying case	10040223

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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