

EVOLUTION[®] 5200HD²

Thermal Imaging Camera

***Durability** you expect
Performance that will surprise you
Functionality you need*



Durability

Features	Benefits
New 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

Features	Benefits
Widest high sense operating range on any Fire Service TIC	Provides better performance in high-heat conditions.
Indigo 320 x 240 Vanadium Oxide Microbolometer	Provides excellent image quality in a small format.
Lithium ion battery	Lightweight. Provides excellent run time (2 hours).
3 1/2" backlit display	Provides a large display in a "small format" camera.
30 Hz frame rate	Reduces image choppiness associated with slower frame rates.
Highest 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 PLUS indicator*	Allows the user to easily locate hot spots and the seat of the fire. Effective in High and Low Sensitivity.
2X Digital Zoom*	Enhances the image allowing for more visual detail from a safe distance.

Functionality

Features	Benefits
Ergonomic design	Limits user fatigue. Provides better display orientation for the user.
Flexible secondary handle	Provides added protection from impact/drop, and easy handoff.
Single button for On\Off\Standby	Simple to use; prevents accidental shutdown.
Small size & light weight	Limits user fatigue, easy to use as a tool.
Carabiner attachment	Allows the Thermal Imager to be carried like a tool on a tool belt 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 user with On\Off\Standby status, over-temperature warning, and battery gas gauge.
Wrist strap*	Can be easily carried on the wrist.
Shoulder strap*	Completely frees hands when camera is not in use. Quick seatbelt release for added safety.
Retractable lanyard*	Retracts the Thermal Imager to ready position when not in use.
Universal vehicle-mounted charger*	Provides ready access to Thermal Imager 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*

TIC Camera Type		Heat Seeker PLUS	Quick-Temp	Video Accessories	Battery Charging	# Of Batteries	Carrying Attachments	Storage Options	Other Accessories	Custom Features
1	Evolution 5200 TIC NTSC Format (Standard Format in U.S.)	0 No 1 Yes	0 None 1 Fahrenheit Scale 2 Celsius Scale	0 SMA to BNC Connector 1 Tripod Mounting Adapter	0 None 1 Standard Charger Kit includes 110-220 AC Cigarette Lighter Adapter 2 Evolution 5000-Series Truck Mounted Charger 3 Standard Charger Kit, 110-220 AC Cigarette Charger and Evolution 5000-Series Truck Mounted Charger 4 Evolution 5000-Series Universal Truck Mounted Charger 5 Standard Charger Kit, 110-220 AC Cigarette Charger and Evolution 5000-Series Universal Truck Mounted Charger	1 One 2 Two 3 Three 4 Four	0 None-Carabiner Only 1 Wrist Strap 2 Shoulder Strap 3 Retractable Lanyard 4 Wrist Strap, Shoulder Strap and Retractable Lanyard	0 None 1 Carrying Case 2 Non-Charging Mounting Bracket	0 None 1 Reflective Label ID Kit 2 Sun Shroud 3 Display Covers 4 ID Kit, Sun Shroud & Display Covers	0 None

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Part Number	Part Description	Unit Price	Quantity	Total Price
1000	1000	1000	1000	1000
2000	2000	2000	2000	2000
3000	3000	3000	3000	3000
4000	4000	4000	4000	4000
5000	5000	5000	5000	5000
6000	6000	6000	6000	6000
7000	7000	7000	7000	7000
8000	8000	8000	8000	8000
9000	9000	9000	9000	9000
10000	10000	10000	10000	10000

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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