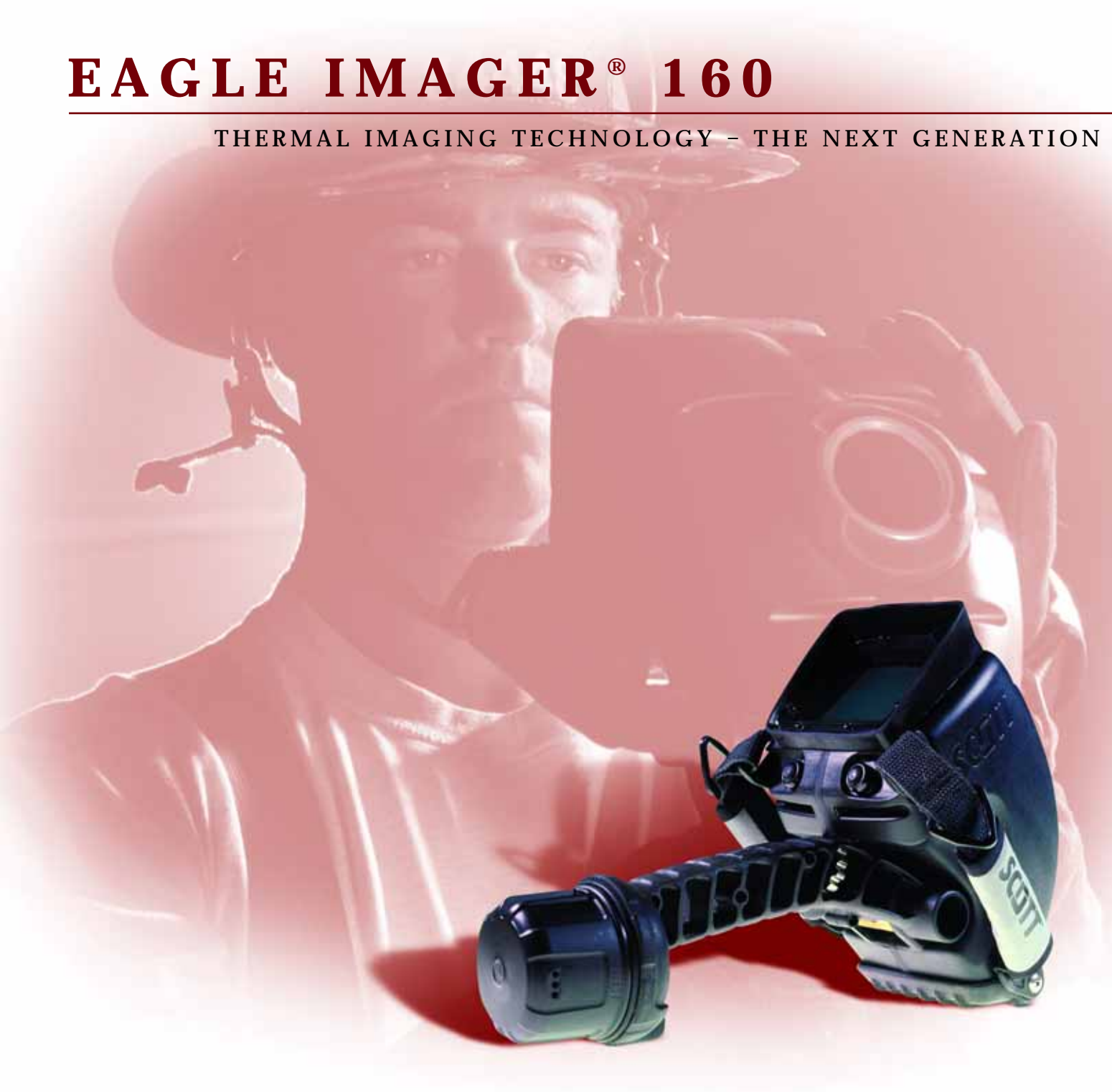


EAGLE IMAGER® 160

THERMAL IMAGING TECHNOLOGY - THE NEXT GENERATION



tyco / **SCOTT**
HEALTH & SAFETY



CHANGING THE FIRE SE

WITH THE EAGLE IMAGER® 160, THE DIFFER

Scott Eagle Imager Thermal Imaging Cameras

Thermal imaging technology has proven to be one of the most effective tools available for fire combat. From search and rescue, to fire-seat identification, to revealing fire extensions, thermal imaging cameras let firefighters go on the attack more efficiently than ever before. With over 5,000 Scott thermal imaging cameras in use, firefighters around the world rely on the dependable performance of these valued tools every time they are called into service.

Eagle Imager 160...The Next Generation Thermal Imager

Scott Health & Safety is proud to introduce the Eagle Imager 160, the thermal imaging camera of the 21st Century. Developed for the toughest fire ground operations, the Eagle Imager 160 offers advantages that, until now, were simply not available.

Revolutionary Microbolometer Technology

The heart of the Eagle Imager 160 is the latest, most advanced vanadium oxide microbolometer technology available, the Firecooled™ microbolometer. Producing images comparable to a video camera, the Eagle Imager 160 allows firefighters to more quickly and efficiently assess fireground conditions.

- The Eagle Imager 160 features a wide 1,100° dynamic range. This produces images that are highly detailed for precise image interpretation. Unlike low dynamic range cameras, the Eagle Imager 160 won't "white out," produce halos, ghosted images or other distracting image artifacts.
- Wide dynamic range permits the Eagle Imager 160 to see a firefighter standing behind flame. This type of image would be only vaguely visible or even impossible to see using cameras with an 80 or 100 degree dynamic range.
- The Firecooled microbolometer engine generates images with a 60 Hz update rate for smooth, seamless images without the choppiness so apparent in cameras with slower update rates, even those with microbolometer cores.
- The Eagle Imager 160 features the first 160x120 focal plane array (FPA) capable of generating images equal or superior to camera cores with larger FPAs.

SERVICE... VISIBLY

PRECISION IS IN THE DETAIL



Breakthrough Affordability

Microbolometer technology has repeatedly proven its value in fire service thermal imaging cameras. However, until now, the cost of such cameras presented a real challenge to many fire department budgets.

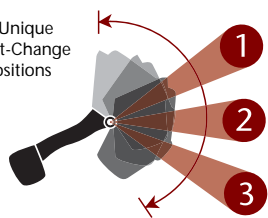
- The Eagle Imager® 160 is the result of Scott's efforts to encourage continued development of technology that is superior in performance, yet affordable enough so that departments can deploy thermal imaging cameras on all of their apparatus.
- The new high resolution, lower cost Eagle Imager 160 with its Firecooled™ microbolometer is the product of Scott's partnership with BAE Systems, the international leader in defense electronics and information technologies, and the leading supplier of microbolometer cameras for the fire service.

Light Weight, Ergonomic & Tough

Hands-on, hands-free, standing or crawling, the Eagle Imager is the most ergonomically versatile camera available today with user-selectable handle positioning for easy and simple balancing.

- At only 4.2 pounds (1.9 kg), the Eagle Imager 160 is easy to carry in any position, whether holding it by its handle or side straps.
- The Eagle Imager 160's sturdy Twist-Change™ set point adjustment allows its handle to be fully retracted for crawling, set mid way, or fully extended for use in a standing posture. The camera can be used hands-free with a neck/shoulder strap.

3 Unique
Twist-Change
Positions



1 - Crawling



2 - Hands Free



3 - Hands On

- Handoff from one firefighter to another is simple and quick by grasping a hand strap, the camera's skeletonized handle, or its battery compartment.
- Constructed with special HHRP™ (Heat & Hit Resistant Polymer), the Eagle Imager 160 housing is tough enough for the most rugged firefighting duty.

Twist-Change Battery Change

The Eagle Imager 160's battery pack also features simple Twist-Change battery replacement. The battery has one-way on, large-scale threading that makes battery changeout simply a matter of twisting on a fresh battery.

- With its nearly four hour service life, the Eagle Imager 160's 9-volt nickel-metal hydride battery provides the longest service life of any thermal imaging camera now available.

EASY TO VIEW

The Eagle Imager 160 features a large format, 4-inch diagonal LCD for optimal viewing by one or more people at the same time. Unlike smaller screen cameras, the Eagle Imager 160 provides a wide field of view and captures maximum detail. By displaying multiple objects in relation to each other, the viewer is more likely to see important information.

2-BUTTON CONTROL

Designed and engineered for maximum simplicity, the Eagle Imager 160 is controlled by two push buttons located under the LCD. Both buttons are easily manipulated with gloved hands. The buttons control on/off, a standby mode for battery conservation, channel selection for cameras equipped with transmitters, and an on-demand refresh capability. On-screen text icons indicate camera modes and remaining battery life.



Standard Accessories

The Eagle Imager® 160 comes standard with the following accessories:

- Batteries (2)
- Kevlar® neck/shoulder strap
- 110-volt A/C adapter and 12-volt DC power cables
- Charging cradle
- Durable carrying case

Temperature Readout

The Eagle Imager 160 is available with an on-screen temperature readout in either Fahrenheit or Centigrade to assist firefighters in identifying hot spots and fire extension. The camera's easy-to-read scale displays temperature readings in 100° increments.

Eagle Imager 160 Truck Charging System (TCS)

The Eagle Imager 160 Truck Charging System is designed to provide secure, firefighter-ready accessibility to your thermal imaging camera. Ready-for-action access is enhanced with full charging capabilities for the camera's on-board and spare batteries.

Designed specifically for Scott's Eagle Imager 160 thermal imaging camera, the Truck Charging System permits user-selectable vertical or horizontal mounting inside a fire apparatus. The unit may also be easily wall-mounted in the station or service room. The TCS is available with either 12-volt DC or 110-volt AC power supply adapters.

Warranty Protection

The Eagle Imager 160 comes standard with a one-year warranty on parts and labor. Extended warranty options are also available.

Eagle Imager 160 Thermal Camera Ordering Information

Part Number	Description
200155-01	Eagle Imager 160 Thermal Imaging Camera
200155-03	Eagle Imager 160 Thermal Imaging Camera w/On-Screen Temp. Readout

Eagle Imager 160 Spare Parts & Accessories Ordering Information

Part Number	Description
200158-01	Battery
200159-01	Side Hand Strap Assembly (1)
40014585	Reflective Hand Strap Pad (1)
805511-01	Neck/Shoulder Strap
31000283	Battery Charger Cradle
200208-01	Truck Charging System w/12-volt DC Converter
200208-02	Truck Charging System w/110-volt AC Converter
31000366	AC Adapter
31000367	DC Adapter
31000348	Carrying Case
595053	Operating & maintenance instructions
camerawar61	1 year Extended Warranty
camerawar62	2 year Extended Warranty



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