

APPLICATIONS

- Perimeter Security
- Marine Security
- Port Security
- High-Value Asset Protection
- Wide Area Surveillance
- Critical Area Monitoring
- Access Control
- Parking Facility Monitoring
- Traffic Control
- Search & Rescue
- Border Patrol
- Night Observation

PERSONAL HANDHELD THERMAL IMAGER

Security threats hide unseen in darkness, out of sight or veiled by obscurants like dust, fog, and smoke. FLIR Systems' 1.5 lb. "flashlight"-style ThermoVision Scout personal thermal imager exposes threats by identifying the heat emitted by humans, structures, and all objects found in the environment. Small, portable, and easy to operate, the Scout is a critical component in any asset protection and risk mitigation program.

VERSATILE & PORTABLE

The Scout is the smallest and lightest thermal imager available. As easy to use as a standard flashlight, its size and silent operation make it perfectly suited to security personnel tasked with mobile, day/night surveillance and detection. Equipped with a rechargeable Li-Ion battery, the Scout is able to run continuously for up to two hours and comes with a smart two-bay charging system included.

CRISP IMAGES

Clear, detailed, high-contrast images are captured by the Scout at distances within 500 m, enabling maximum target location and identification. The Scout incorporates the latest uncooled microbolometer detector, displaying its detailed images on the camera's integrated 2.5" color display.

AS EASY TO USE AS A FLASHLIGHT

Pick it up, turn it on, and start using the ThermoVision Scout immediately. The Scout is highly automated and intuitive. With continuous digital image optimization, the image quality is always maximized. One button freezes or saves an image, another changes the image from black and white to color. If you can use a flashlight, you can use the Scout personal imager from FLIR.

ADVANCED FEATURES

Detect and identify vehicles or people within dark areas instantly by using FLIR's exclusive AutoAlert[™] infrared tagging system. Freeze and save images as standard jpeg image files for later archiving, and record the video output using the standard video output port.

BACKED BY THE FLIR NAME

As the global leader in thermal imaging, FLIR Systems' thermal cameras deliver clear, high-contrast surveillance solutions 24 hours a day. With more than 30,000 thermal cameras sold to date, FLIR is dedicated to responding to customer needs and supporting field operations at its service and support centers located around the world. Enhance your security program integrity by incorporating FLIR Systems' premier thermal imaging cameras into your prevention strategy, and respond before catastrophe strikes.



IMAGING PERFORMANCE	
Field of View	12° x 9°
Thermal Sensitivity	0.12°C at 25°C
Focus	Manual
Detector Type	Focal plane array (FPA), uncooled microbolometer 160 x 120 pixels
Spectral Range	7.5 to 13 μm
IMAGE PRESENTATION	
Video Output	PAL or NTSC, standard RCA composite video
Integrated Display	2.5" color LCD, 16K colors
IMAGE STORAGE	
Memory Type	Built-in FLASH-memory (50 images)
File Format	Standard JPEG
BATTERY SYSTEM	
Battery Type	Li-Ion, rechargeable, field replaceable
Operating Time	2 hours continuous operation. Display shows battery status
Charging System	In camera, AC adapter or 12 V from car (cable with cigarette lighter plug: optional) 2 bay intelligent charger, 12 V
AC Operation	AC adapter 90-260 V AC, 50/60 Hz, 12 V DC out
Power Saving	Automatic shutdown and sleep mode (user selectable)
ENVIRONMENTAL SPECIFICATION	
Operating Temperature Range	-15°C to +45°C (5°F to 113°F)
Storage Temperature Range	-40°C to +70°C (-40°F to 158°F)
Humidity	Operating and storage 20% to 80%, non-condensing
Encapsulation	IP 54 IEC 359
PHYSICAL CHARACTERISTICS	
Weight	0.7 kg (1.5 lbs), incl. battery with 25° lens
Size	265 mm x 80 mm x 105 mm (10.4" x 3.1" x 4.1")
Tripod Mounting	1/4"-20
Cover Case	Plastic and rubber
FEATURES	
Image Freeze	Digital image freeze
Image Download	USB or RS 232 serial link
Image Display	B&W, white or black hot, color
AutoAlert	Colorized (red) object threshold tagging
AutoAdjust	Continuous image contrast optimization

ThermoVision Scout includes:

Carrying case, power supply, hand strap, lens cap, USB cable, user manual, power cord, battery, battery charger

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