

# Wahl Heat Spy® HSI3003 Portable Thermal Imaging Camera for Law Enforcement



**HSI3003  
Thermal  
Imager  
with  
Protective  
Boot, and  
Magnifying  
Eye Piece**

## ▶ SEEING IS BELIEVING...

The Wahl HSI3003 is an innovative hand held thermal imager which offers outstanding imaging performance together with the traditional features of flexibility, ease of use and minimal cost.

### FEATURES

- Large 3-½" Display.
- Simple Operation.
- Lightweight - only 1.76 lbs.
- Lowest cost high definition imager on the market.
- Image Storage to SD Card
- 160 x 120 Pixel Image.
- Two measurement cursors, movable anywhere in the image, even after picture is taken.
- Temperature & Differential Temperature Measurement.
- Image Analysis can be performed on camera in the field, or after downloading images to PC.
- Images may be captured directly to a PC using the USB interface.



[www.sensorway.cn](http://www.sensorway.cn)

### SURVEILLANCE

The Wahl HSI3003 provides an effective tool for night-time surveillance in black and white, or selectable color palettes. Offering superior image quality and a large clear display, it allows detection of people in total darkness and covert surveillance from a distance. The image storage feature allows pictures to be saved to SD Card for later inclusion in incident reports.



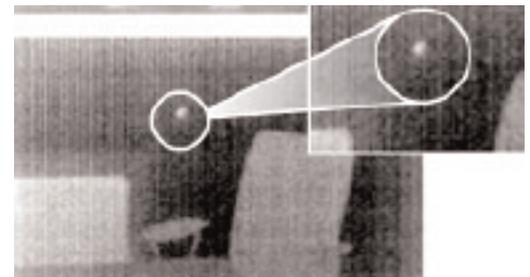
### CANNABIS FACTORIES

The trend in large scale growing of cannabis under artificial lights, often in residential housing, requires new approaches to detection. The integral temperature measurement features of the HSI3003 allows comparison of roof/window temperature between different buildings at a glance.



### SECURITY SERVICES

Thermal Imaging offers an important tool for "sweeping" buildings. For non-alerting bug detection, with its large clear display, the HSI3003 provides measurement of surface temperatures and visible indication of irregularities.



### SEARCH & CRIME PREVENTION

Whether pursuing a run-away, searching for a missing person, or detecting a recently used vehicle in a parking lot, the Wahl HSI3003 offers a flexible, cost effective tool for police and security services.



# Wahl Heat Spy® HSI3003 Specifications

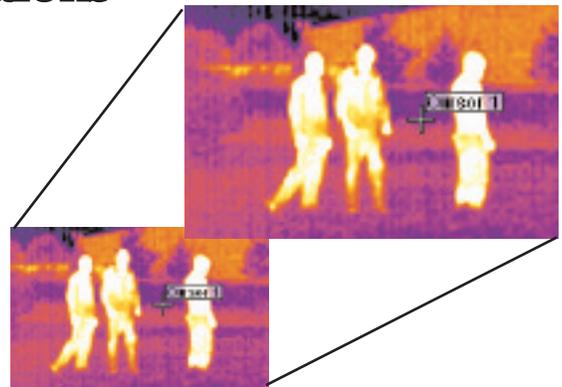
Model Number	HSI3003
	Long Distance
Measurement Range	32° to 482°F (0° to 250°C)
Field of View	9.1° x 6.8°
Focus	Manual
Minimum Focus	19.68" (50cm) (120cm for Radiometry)
Spectral Response	8 μm to 14 μm
Thermal Sensitivity	0.15°C @ 23°C ambient and 25°C Scene Temperature
Detector	160 x 120 pixels uncooled microbolometer
Image Storage	Up to 2000 images on supplied 256 MB SD Card (or MMC)
Accuracy	The greater of ± 2°C or ± 2% of reading in °C
Display	3-½" Color LCD with LED Backlight, 4 Color Palettes
Laser Pointer	Built in Class II Laser highlights the central measurement area
Radiometry	Two movable temperature measurement cursors, Delta temperature measurement
Emissivity Correction	User selectable 0.2 to 1.0 in steps of 0.01 with reflected ambient temperature compensation.
Ambient Operating Temperature Range	5° to 113°F (-15° to +45°C)
Storage Temperature Range	-4° to 158°F (-20° to +70°C)
IP Rating	IP42
Humidity	10% to 90% non-condensing
Power	Lithium field replaceable, rechargeable batteries with up to 6 hours continuous operation, AC Adapter included
Interfaces	USB Type B
Housing	Impact Resistant Plastic
Dimensions	9.05 x 4.72 x 5.31 inches (230mm x 120mm x 135mm)
Weight (with Battery)	approx. 1.76 lbs (0.8kg)
Mounting	Hand Held & Tripod Mounting
Included Accessories	Easy Report & Report Writer Software, Carrying Case, Wrist Strap, Rubber Boot, Battery, AC Adapter, User Manual and Operating Software CD, USB Cable, SD Card and SD Card Reader.
Optional Accessories	Magnifying Eye Piece/Display Shield, Car Charger, Desktop Charger and additional Battery.
Optional Frame Rate	Optional 30Hz Frame Rate* - add "Z" to end of part number: HSI3003Z

Specifications are subject to change without notice

The Highest Performance Thermal Imaging Camera in its Class!



Calibration Services Available



Magnifying Eye Piece/Display Shield (shown on pg 1) improves visibility of the screen and prevents the display from illuminating the users face, causing detection of officers performing surveillance in a dark environment.



Protective Rubber Boot surrounds camera and long distance lens.



Removable SD Card stores up to 2000 images and offers flexibility in the field;

images can be downloaded into a report with Easy Report software for quick, one page incident reports or Report Writer software for multiple image incident reports.