



# Wahl Heat Spy<sup>®</sup> Imager HSI1000

## Portable Thermal Imaging Camera

**Point - Shoot - Save**  
Find the Hot Spot - Label Image with Temperature, Date and Time



### HOT SPOT FINDER!

Wahl's easy to use, low cost Heat Spy Imager has the same ability as the expensive thermal imaging cameras to find the hottest spot or area of the target, and tell you the temperature of it.

Just scan the target area and find the hottest spot on the screen. Laser identification can be achieved by centering the hot spot of the target on the center of the screen and depressing the laser button. This will indicate the problem area. You can then take a thermal picture and store it in the Pocket PC (included), labeling the temperature, date, and time of the image.

Ergonomically designed, flexible and easy to use, this affordable imager can be used in a variety of applications.

Now included with the Wahl Heat Spy<sup>®</sup> Camera is a Pocket PC, RS232 Connection Cable and Pistol Grip Handle making it the most versatile thermal imager available!



Photo illustration from Racecar Engineering magazine.

#### APPLICATIONS

- Predictive and Preventive Maintenance
- Process Monitoring
- Research and Development
- HVAC Troubleshooting
- Building Inspections
- Vehicle Maintenance

#### Specifications

Model Number	HSI1000	HSI1001	HSI1002
	Hand Held Imager	Hand Held Imager High Accuracy Option	Hand Held Imager High Temperature Option
Temperature Range	14° to 572°F -10° to 300°C	86° to 572°F 30° to 300°C	572° to 1832°F 300° to 1000°C
Field of View	20° x 20°		
Model Number	HSI1003	HSI1004	HSI1005
	Hand Held Imager Narrow Field of View	Hand Held Imager High Accuracy Option Narrow Field of View	Hand Held Imager High Temperature Option Narrow Field of View
Temperature Range	14° to 572°F -10° to 300°C	86° to 572°F 30° to 300°C	572° to 1832°F 300° to 1000°C
Field of View	10° x 10°		
Measurement Array	16 x 16	Central 12 x 12	Central 12 x 12
Accuracy @ Ambient Temp of 23°C	Not Defined	±2°C or ±2% Whichever is greater	±30°C
Power	4 x AA Alkaline Batteries, AC adapter included		

\* Software compatibility: Pocket PC: Microsoft "Pocket PC" 2000, 2002, and 2003. Palm: OS5 and higher. PC: Windows 2000, and XP.



#### FEATURES

- User selectable sensitivity settings, offset control and emissivity values
- Auto adjust sensitivity/range
- "Pocket PC"/ "Palm" device has two moveable temperature measurement cursors
- Desktop or Laptop PC has up to ten moveable temperature measurement cursors on any of the 256 pixels
- User selectable image integration: 1 to 10 frames
- Readout in °C, °F and K
- Shipped with Pocket PC, Pistol Grip Handle, Software for Pocket PC, Palm & PC, RS232 2m Connection Cable, User Manual, AC Power Adapter and Carrying Case

Specifications subject to change without notice

# Heat Spy® Imager HSI1000 Accessories

## HOT SPOT FINDER!



Heat Spy Thermal Imaging Camera *now comes standard* with an HP Pocket PC, HP USB/Serial Auto Sync Cable, and Pistol Grip Handle. Additional accessories shown below can be added to make it even more easy and convenient to use!

Heat Spy Imager Included Accessories	
HSIPPC	Standard Hewlett Packard Pocket PC* (most compatible, currently available model at time of purchase)
FA122A	HP USB/Serial Auto Sync Cable
H100	Pistol Grip Handle (fits Thermal Imaging Camera, Pocket PC and Cable)
Heat Spy Imager Optional Accessories	
H101	Folding Handle (fits Thermal Imaging Camera, HP Pocket PC, Cable, Users Digital Camera, ReadyLite and Neck Strap.
H102	ReadyLite
H105	Neoprene Neck Strap with Quick Disconnect
NISTTI	NIST Certification



*Thermal Imager includes Pocket PC, Pistol Grip and Cable*



*Heat Spy Imager Camera is delivered complete in a Rugged Carrying Case.*



*H100 Pistol Grip Handle (Included)*



*HSIPPC Standard HP Pocket PC (Included)*



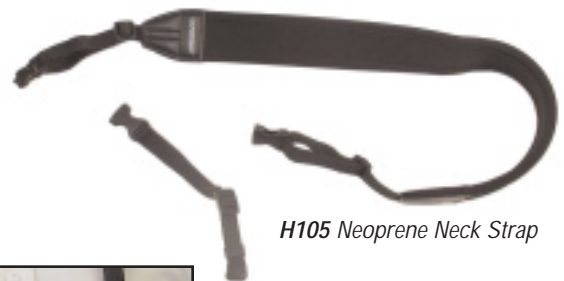
*FA122A HP USB/Serial Auto Sync Cable (Included)*



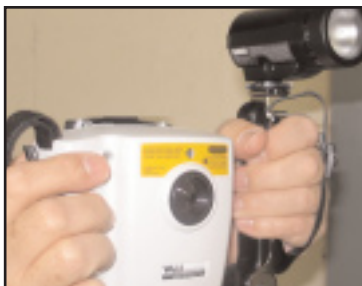
*H102 - ReadyLite*



*H101 Folding Handle*



*H105 Neoprene Neck Strap*



*Camera, Pocket PC and ReadyLite shown attached to the Folding Handle, add a digital camera to take digital pictures and store for later reporting.*



*H105 Neoprene Neck Strap attaches to handles, for safety and convenient carrying. Insert at right shows "Quick Disconnect" feature on both sides of neck strap.*