

# HIGH RESOLUTION FEVER ALERT SYSTEM

## Screen for possible fever with the Wahl HSI2500S Thermal Imaging System!



Wahl  
High Resolution Thermal Imager  
HSI2500S

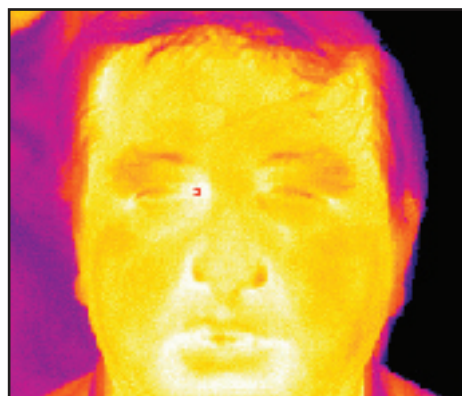
SPECIFICATIONS	
Model Number	HSI2500S High Resolution Fever Alert
Operating Temperature Range	-4° to 122°F (-20° to 50°C)
Resolution / Detector	320 x 240 pixel Microbolometer (UFPA VOX)
Thermal Sensitivity	0.038°C @ 25°C
Field of View / Lens	36° x 27° / 25mm
Instantaneous Field of View	1.13 mrad
Spectral Response	7 µm to 14 µm
Image Update Frequency	9 Hz
Minimum Focusing Distance	4 in. to infinity
Focus Adjustment	Manual
Temperature Dynamic Range	16 bits
Accuracy	+2°C or +2%
Storage Temperature	-40° to 158°F (-40° to 70°C)
Environmental Protection	IP54
Shock	30g
Vibration	3g
Palettes	7 color palettes and grayscale
Power	1 watt input powered by computer USB connection
Camera Dimensions	2.1 x 3.2 x 0.5 inches (53mm x 81mm x 13mm)
Weight (with Lens)	5.2 oz (148kg) with lens
Data Interface / Outputs	USB2

Specifications subject to change without notice.  
Always verify human temperature with a medical thermometer.

The Wahl HSI2500S High Resolution Fever Alert camera is an early warning detection system to screen people or groups of people for elevated body temperature in "real time". It offers unmatched image sensitivity and clarity in a 320 x 240 radiometric imager.

The HSI2500S has **FDA 501(K) Clearance**, and is a highly reliable and accurate screening system. In less than a second it will determine if a pre-defined threshold has been exceeded, and indicate with both **AUDIBLE** and **VISUAL ALARMS**, signifying possible fever in humans. A Black Body reference is also used to regularly verify the accuracy of the imager.

The HSI2500S can be used as part of a plan to minimize the spread of flu, and potentially limit the infectious transmission of disease in both the workplace and public facilities.



The HSI2500S High Resolution thermal imaging camera has the best thermal sensitivity on the market.

### HSI2500S Features

- Less than a second to take a temperature reading, thus no delay processing people past the system
- Non-contact skin temperature measurement
- Quick & easy screening
- Black Body verifies the accuracy of the imager

**Backed by Palmer Wahl's  
Service and Warranty!**



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Calibration Services Available

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