

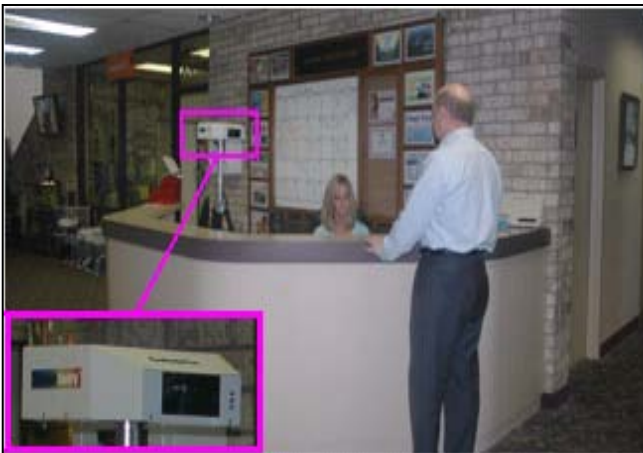
ThermalSentryII™

ThermalSentryII™ stands vigilant against the threat of infectious disease.

The Coherix **ThermalSentryII™** is an automatic, highly-accurate, non-contact, body temperature measurement system. **ThermalSentryII™** can instantly be switched between screening groups of people and screening individuals.

Group Screening:

- All subjects monitored simultaneously
- No need for crowd to queue for individual temperature checks
- Multiple over-temp events tracked
- Status LED indicators with set-points
- Audible alarms including voice option
- Screens large numbers of people quickly
- Efficient set-up for secondary screening
- Up to 30 measurements per second

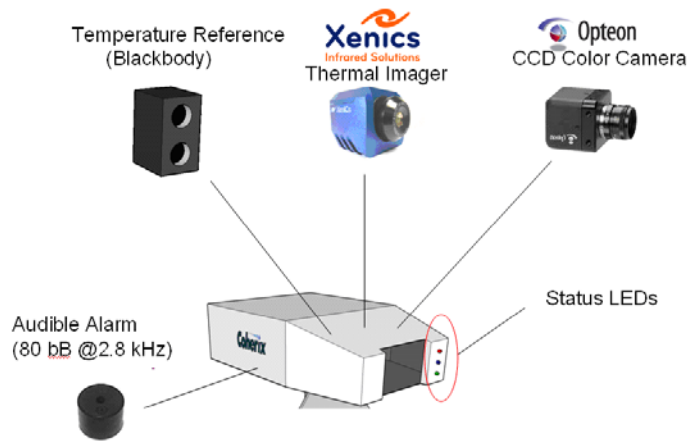


Individual Screening:

- People are screened one at a time
- Automatic face location
- Detects if eyewear is present
- Measures temperature in eye corners
- Status LED indicators with set-points
- Auto audible alarms including voice... “proceed, remove glasses, face the camera, see attendant”, etc.
- High resolution measurements in 1-2 seconds

Auto Calibration:

In both screening modes, the system self-calibrates every image using high-accuracy internal temperature references. These calibration references are located in the sensor head and are optically embedded in the thermal camera’s image using a patent pending technique. This arrangement ensures that the calibration references cannot become obscured or misaligned, and eliminates the need for a separately positioned calibration source.



Features

- Integrated high-accuracy temperature references
- Selectable single person or group screening modes
- Face and eyewear detection for more accurate readings
- 30 ms / measurement (group mode) 1-2 seconds / measurement (single mode)
- ~5 minute setup time
- Alarm events indicated via monitor(s), LEDs, PC speakers, and buzzer
- Color camera and thermal images are bore sighted for easy alarm verification
- Simple touch screen operation
- Settable alarm temperature
- Record and review still images or video of alarm events
- Voice and text instructions issued automatically
- Patent pending

Specifications

| | |
|-----------------------------|--|
| Measurement Accuracy | +/- 0.25 °C |
| Measurement Time | 33 ms (group) 1-2 seconds (single) |
| Blackbody Accuracy | +/- 0.10 °C (NIST-traceable calibration) |
| Sensitivity (NETD) | 0.050 °C |
| Alarm Event Review | Video and Single Image |
| Ambient Temperature | -15 °C to 50 °C |
| Power Requirements | 110 to 220 VAC 50/60Hz |
| Dimensions | 280 mm x 265 mm x 108 mm (11" x 10.4" x 4.25") |
| Weight | 3.6 Kg (8 lbs.) |
| Interface | Ethernet and USB 2.0 |
| Lights | 3 High Intensity LEDs (red, blue, green) |
| Alarm | 80 dB @ 2.8 kHz |
| PC | 22" LCD All-In-One Touch Screen Computer |
| Options | Motorized Pan /Tilt Head |
| | Heavy Duty Tripod |
| | Panasonic Toughbook™ Laptop |

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