

CENTURION P SERIES KIOSK IR CAMERA TOWER



The Centurion P Series Kiosk allows employees hands-free check-in and self-badge prior to entering a facility. ICI's turnkey solution offers the convenience of automated, non-contact skin temperature measurement with an easy-to-understand pass/fail system. The on-board infrared camera and system software provide a temperature scan with an accuracy of ± 0.2 °C. Facial detection and recognition is built-in and data captured automatically. Receive an e-mail when the temperature threshold is exceeded to provide additional safeguards for employees, retail customers, and patrons entering your facilities. The system is built to withstand years of unattended use and is more rugged than tripod-based solutions. Stand-alone or counter-top models available.

Features

- Pinpoint accurate skin temperature measurement
- Hands-free thermal analysis
- Facial recognition
- Dual video, infrared and visible
- Green light/red light system
- Automatic audio and visual alarms
- Unmatched image sensitivity
- Radiometric data streaming
- Record and capture functions

Applications

- Skin temperature measurement
- Office settings
- Public access areas
- Airport screening
- Hospital healthcare procedures
- Healthcare robotics
- Sub-acute healthcare settings
- Radiometric imaging

Specifications

- **Detector Array:** UFPA
- **Pixel Pitch:** 17 μ m
- **FOV:** 32° x 24°
- **Measurement Distance:** lens dependent
- **Pixel Resolution:** 320 x 240
- **Spectral Band:** 7.5 μ m to 13.5 μ m
- **Thermal Sensitivity (NETD):** < 0.04 °C at 30 °C (40 mK)
- **Frame Rate:** 50 Hz - 60 Hz
- **Dynamic Range:** H 264 UVC
- **Temperature Range:** 20 °C to 50 °C
- **Operation Range:** 0 °C to 50 °C
- **Storage Range:** -40 °C to 70 °C
- **Humidity:** 95%
- **Accuracy:** ± 0.2 °C
- **Pixel Operability:** > 99%
- **Dimensions:** Main: 15" x 9.5" x 71.5" (L x W x H ± 0.1 ")
Temperature Reference: 15" x 14.5" x 60 (L x W x H ± 0.1 ")
- **Power:** 12V < 15W
- **Weight (both towers):** ~100 lbs
- **Interface:** USB 2.0
- **Internet Interface:** 100M/1000M LAN, RJ-45 interface
- **Visible Camera:** 1/2.8" CMOS, 1920 x 1080, 25°x16° FOV
- **Video:** UVC from infrared and visible
- **Printer:** monochrome
- **Emissivity Correction:** 0.01 to 1.0
- **IP Rating:** IP 54
- **Function Settings:** date/time, temperature (°C or °F), and language
- Built in shutter

Options

- Optional: color printer
- Temperature reference source



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These systems are intended to be used adjunctively and not as standalone devices.