



ThermalScreen™ CA-01 Infrared Body Temperature Screening Camera

Fast and accurate, the ThermalScreen™ CA-01 is perfect for commercial applications as a first line of defense against the spread of infectious diseases like COVID-19.

Designed as an all-in-one solution to ensure safe environments, it works equally well as a prevention mechanism, or for control during a pandemic. This system provides protection by conducting distanced, discreet, non-contact mass screening of large groups of people to identify individuals with elevated temperatures or fevers.

The ThermalScreen™ CA-01 samples multiple points on a person's face to provide extremely reliable temperature readings (within $\pm 0.5^\circ\text{C}$) in under 1 second from a distance of 5-7 meters / 16-23 feet.

- Advanced sensors effective in varied lighting and complex angles
- AI-enhanced technology with industry-leading face detection
- Dual camera monitoring effectively eliminates false alarms
- Intelligent comparative analysis of sample points with auto averaging
- Proven technology with over 10,000 units in use worldwide
- Open-source interface that can integrate with third-party platforms

INCLUDED COMPONENTS



Includes installation, configuration, service and support, and 1 year warranty. Installation includes wall or ceiling mount of cameras and blackbody.

Suitable for mass transit, hospitals, factories, government buildings, schools, ports, cruise ships, airports, stadiums, concerts, and other places with an orderly flow of people.

\$24,750

easy 100% financing available

1-5 year terms · Low Monthly Rates

MAIN SPECIFICATIONS

Model	ThermalScreen™ CA-01
Measuring Range	20°-50°C
Measuring Precision	$\pm 0.3^\circ\text{C}$
Thermal Sensitivity	0.05°C
Measuring Distance	5-7 meters / 16-23 feet
Resolution	384 x 288
Focal length	15mm
Field of View	24° x 18°
Measurement mode	External black body real-time calibration measurement
Video mode	Double-light fusion
Visible camera pixels	200 Megapixels
Optimum measurement channel width	Max 2.5 m
Interface	TCP/TP, UDP, Ethernet
Lifetime	50,000 hours
Data storage	2T hard disk, 3month alarm data storage
Power	AC220V (adaptor provided for AC110v)