



Frequently Asked Questions

HOW ACCURATE IS THE INFRARED SENSOR?

Within 0.5 degrees Fahrenheit (0.3 Celsius).

AT WHAT SPEED DOES THE SENSOR READ AND HOW MANY PEOPLE CAN BE CHECKED PER HOUR?

The sensor can check one person at a time and takes approximately 1 second to detect temperature. It can take 2-3 seconds to display the results for each individual user. Throughput, based on walking speed and social distancing, is approximately 600-900 users per hour.

IS THERE AN ADDITIONAL APP OR SOFTWARE REQUIREMENT?

No, the software comes complete.

IS THE UNIT ABLE TO DETECT PEOPLE OF DIFFERENT HEIGHTS (E.G. CHILDREN VS ADULTS)?

Yes, OPTR is ADA compliant. Easy to follow graphics and the LCD display provide a visual indication, for all users, of correct facial placement and results.

CAN WE MONITOR MULTIPLE SENSORS AT A CENTRAL LOCATION?

Yes as an option, Orion Infinity Remote Lane control software can monitor multiple lanes of OPTR-K.

IS A BLACK BODY CALIBRATION REQUIRED FOR FIELD INSTALLATION?

No.

CAN OPTR INTERFACE WITH MY ACCESS CONTROL SYSTEM?

Yes. An optional relay output board allows event triggers.

IS THE OPTR FDA CERTIFIED?

Pursuant to the "Enforcement Policy for Clinical Electronic Thermometers During the Coronavirus Disease 2019 (COVID- 19) Public Health Emergency" the Orion Pre-Entry Temperature Reader (OPTR) qualifies as an Electronic Thermometer.