

Temperature Screening Kiosk



Product Datasheet

Quick and accurate temperature detection system for employees and visitors

At a glance

Infra red based temperature detection with built-in camera

Instant detection with adjustable temperature threshold and traffic light style LED Indicator

Integrates with Synel's workforce management solutions, including Synergy Visitor



With COVID-19 causing unprecedented disruption to people's lives and businesses around the world, Synel's **temperature screening kiosk** is an essential tool for delivering peace of mind to employers, employees and visitors alike.

Featuring a body temperature verification monitor that can almost instantly detect elevated temperature levels - a main symptom of Coronavirus and other infectious viruses, organisations are able to quickly respond according to their health and safety policy in order to prevent business disruption, protect employees and help reduce the spread of germs and viruses.

Use standalone, or integrate with Synel's visitor management platform

The **temperature screening kiosk** is available as a standalone solution with its own dashboard and reporting software, or it can be integrated with **Synergy Visitor**, Synel's leading Visitor Management solution.

When integrated with **Synergy Visitor**, the **temperature screening kiosk** will communicate with the visitor management platform and store temperature readings on the visitor database. The system can halt the visitor sign-in process should the reading exceed the permitted temperature range, which allows organisations to put their control policy into action.

Even when used as part of the visitor management solution, employees will still be able to use the kiosk for temperature screening in a standalone capacity.



Accurate body temperature detection

Synel's temperature screening kiosk offers a highly accurate temperature reading from an individual's forehead, thanks to its infrared based camera – which offers a marginal measurement error of just ± 0.5 °C.

To obtain an accurate temperature measurement, an individual does not need to be in close proximity – as the kiosk will allow temperature detection from individuals standing up to 1 metre away.



Built-in temperature warning alert

The temperature screening kiosk can be set to provide a clear audible and visual indication to employees and visitors when they are above the body temperature threshold. When linked to Synergy Visitor, Synel's visitor management solution the temperature warning alert can also halt the visitor sign in process so that access of this visitor can be controlled in line with your organisations health and safety policy.

Audible and visual alerts can also be disabled in favour of a more discreet notification to a manager or receptionist, for example.

About Synel

With Synel's workforce management solutions its possible to add modules together at any time and benefit from ease of administration from a common web-based GUI as well as added features that are delivered. Your perfect workforce management solution can be created by using the following software, supported by a range of compatible hardware devices:

Synergy Workforce (Timelog Web) fully featured Time and Attendance platform

- Time Costing Module
- Field Management Module, including Time Costing
- Integration with all leading payroll systems, MIS systems and Print Management systems
- Student registration Module
- EPoS Module
- Host of biometric and card/fob technology supported

Synergy Access cost-effective and scalable access control

- Host of biometric and card/fob technology supported

Synergy Visitor visitor management solution

- Temperature Kiosk

Synergy Expenses quick and easy expenses management

Synergy App mobile capability across Synel's workforce management suite

Synergy Connect easily connects Synel biometric clocking devices to third-party applications



Synel is an end-to-end supplier of workforce management solutions offering design, installation, commissioning, and on-going support to deliver complete peace of mind to its customers.

Technical Specifications:

Temperature Screening Kiosk	
General	
Operating system	Built-in software
Processor	RK3288 quad-core
Display	8" IPS LCD (800 X 1280 resolution)
Audio	2.5w / 4R Speakers
Storage	8GB eMMC
Camera	
Resolution	2 million pixels
Type	Binocular wide dynamic camera
Aperture	F2.4
Focussing Distance	50-150cm
White Balance	Auto
Photo flood light	LED and IR dual photo flood light
Interface	
Network Module	Ethernet (RJ45) and WiFi
USB	1x USB OTG, 1x USB HOST standard A port
Serial Communication	1x RS232 Serial port
Weigand	One Wiegand 26/34 output, one Wiegand input
Integration	Integration with Synel's workforce management platform
Infrared thermal imaging module	
Temperature detection	Supported
Temperature detection range	Up to 1 metre (optimal distance 0.5 metres)
Temperature measurement accuracy	$\leq \pm 0.5^{\circ}\text{C}$
Temperature measurement range	10°C ~ 42°C
Thermal field of view	32x32°C
Abnormal temperature alarm	Supported (temperature alarm threshold value can be set)
Function	
Face detection	Supports detection and tracking of multiple people at the same time
Face Library	Up to 30,000
1:N face recognition	Supported
1:1 face comparison	Supported
Stranger detection	Supported
Physical & Environmental	
Power	12V DC ($\pm 10\%$)
Operating temperature	0°C ~ 60°C
Dimensions	274.24 x 128 x 21.48 (mm)
Certification	CE, FCC, TUV, RoHS

Specifications are subject to change without notice. E&OE

Warranty:

The **temperature screening kiosk** comes with a standard one-year manufacturers Return to Base warranty. With a Synel Support Package, the **temperature screening kiosk** is covered for the life of your agreement. Please contact us for further information.

Ordering information:

TMP-KSK Floor standing temperature kiosk for use standalone or with Synel's workforce management suite