



Application Spotlight

Temperature Scanning Kiosks

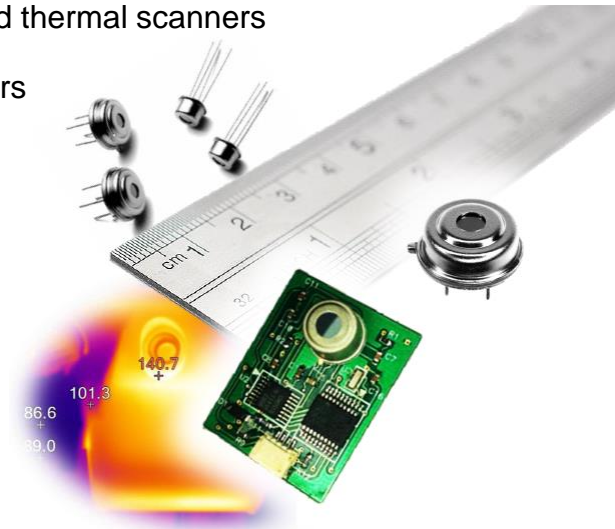
Temperature scanners and kiosks are used for initial screening of individuals before entering an area. A typical application could be screening of individuals before entering a place of work, a store, a school or public transportation. The initial screening can be a means of identifying individuals that need a secondary screen prior to entering the area or allowed to use public transportation.

Applications

- non-contact infrared thermometers, tympanic thermometers, and thermal scanners
- IR temperature measurement for kiosks or walk through scanners
- Handheld temperature measurement devices

International Standards

- Per IEC 80601-2-59:2017 sets the standard for safety and performance for human febrile temperature screening
- Per the standard, human screening is best accomplished by an elevated body temperature (versus an elevated skin temperature) via temperature detection at the ear ducts.



Amphenol Advantage

- Non-contacting infra-red (IR) temperature sensors for more than 30 years.
- Amphenol's non-contacting IR temperature sensors can be used to safely take this temperature reading.
- Multiple versions of IR temperature sensors to address accuracy, sensitivity, field of view (FOV) and package sizes.
- Temperature compensated
- Thermopiles, thermopile modules, array (multi-pixel) IR module
- Customizing for application requirement

IR Temperature Sensors for Kiosk Applications

Model	Typical Application	Package Type	FOV	⁽¹⁾ Sensitivity	⁽²⁾ Output
ZTP-148SR	Non-contact handheld thermometers	TO-46	85°	1.31mV	Analog
ZTP-2210	Kiosks/Scanners	TO-39	90°	3.20mV	Analog
ZTP-159L	Kiosks/Scanners	TO-39	12°	0.12mV	Analog
ZTPD-2210	Kiosks/Scanners	TO-39	TBD	-	Digital
ZTP-188MA	Kiosks/Scanners	Module	H:52° / V:14°	-	Digital

⁽¹⁾ Sensitivity : Sensor output voltage at Tobj=40°C

⁽²⁾ Output : Analog type IR sensor need calibration process by user

* Not all products have been released for production.

* Please contact your Sales Manager for more details.