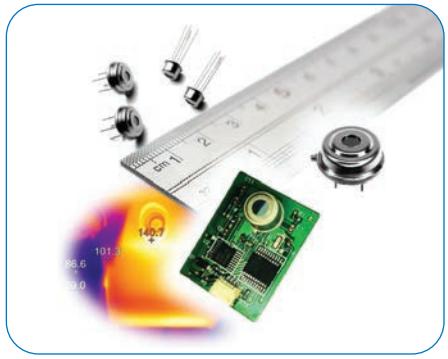
THERMOMETRICS
A COMMITMENT TO EXCELLENCE

Application Spotlight

Temperature Scanning Kiosks

Temperature scanners and kiosks are used for initial screening of individuals before gaining access to a specified area, such as a place of work, store, school, or public transportation. In addition to obtaining temperature readings, this initial screening can also serve as a means of identifying individuals that will require a secondary screening prior to entering an area or using public transportation.

Applications



- Non-contact thermometers, tympanic thermometers, and thermal scanners
- Infrared (IR) temperature measurement for kiosks or walkthrough scanners
- Handheld temperature measurement devices

International Standards

IEC 80601-2-59:2017 determines, safety and performance standards for human febrile temperature screening.

Per this standard, human screening is best accomplished by an elevated body temperature (versus an elevated skin temperature) via temperature detection at the tear ducts.

Amphenol Advantage

- Manufacture of non-contact infrared (IR) temperature sensors for more than 30 years
- Safely obtain temperature readings via contactless measurement
- Multiple versions available to address accuracy, sensitivity, field of view (FOV) and package sizes
- Temperature compensated
- Multiple thermopile configurations - Thermopiles, thermopile modules, and array (multi-pixel) IR modules
- Customization options for specific application requirements

Model	Typical Application	Package Type	FOV	Sensitivity (1)	Output (2)
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 sensors require calibration process by user.

* Not all products have been released for production. Please contact your Sales Manager for more details.

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www.amphenol-sensors.com