Infrared Thermal Sensor (IRT)

Leverage your existing time clock investment and create a safer environment for your customers.

The infrared thermal sensor i(IRT) Is one of the fastest and most accurate systems that integrates and easily attaches to your existing ATS time clocks to provide your customers an instant thermal readout of their employees' skin surface.

Once integrated, the IRT could be configured with the terminal to ensure the employee cannot punch-in when the thermal readout is outside the preset thermal range. This new infrared thermal sensor helps to reduce the risk of spreading illness within the workplace.
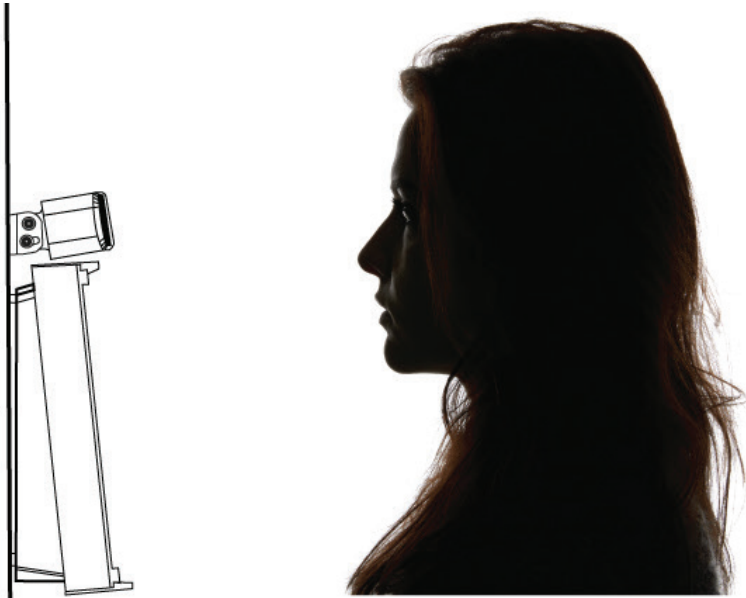
Product Benefits

- Integrates and mounts to Maximus and PeoplePoint
- Could restrict employees' from punch-in when thermal readout is outside the preset thermal range.
- Baseline thermal reading is easily established to meet your customers' specifications.
- Delivers fast skin surface thermal reading results.
- Results can be displayed in Celsius or Fahrenheit on the terminal screen as determined by the application.
- Automatically executed as part of the daily punch process.
- Eliminates the costs and added staff stress associated with manual skin temperature checks.
- No additional training required - employees use current process and technology.

To learn more about ATS and IRT,
visit www.accu-time.com or
call -1 860.870.5000

IRT Infrared Thermal Sensor

For a consistent thermal reading, the employee should be positioned be within a few inches from the sensor.

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Infrared Thermal Sensor Specifications

Parameter	Specification
Field Of View	90° (X direction) x 90° (Y direction)
Scale	°C / °F
Operating Temperature	-40° C to 85° C | -40° F to 185° F
Subject skin temperature range.	-0.55° C to 49° C | 31.01°F to 120.2°F
Thermal IR Array (Resolution) 32 x 32 pixels (1024 discrete temp measurements)	Average thermal reading of 3x3 matrix that includes the highest temperature from a 32x32 matrix
Repeatability (assuming the same relative position of subject to the sensor)	+/- 0.5° C
ESD Sensitivity	(AEC Q100 002) 4 kV
Power	5V via USB 2, < 500 ma
Size	2.5" x 1 1/8 x 1.5" 63.5 mm x 28.575 mm x 38.1mm

Supported Terminals

The IRT is supported on

- People Point Plus with (JAVA)
- People Point Turbo (Android)
- PeoplePoint Premium (Android)
- stride80 - (Android)
- Maximus 2 (UCS)

For more Information:
www.tracyinc.com
(866) 356-0663