

Thermal Camera

Facial Recognition Terminal 2 with Temperature Detection



Facial Recognition Terminal 2 with Temperature Detection combines face recognition terminal* with Thermal Camera to detect users with elevated skin temperature.

- Thermal Camera measures skin temperature of a subject's face using advanced thermography technology.
- Facial Recognition Terminal 2 displays the temperature on a GUI raising alerts when a higher than threshold temperature is detected.
- Thermal Camera connects via USB interface making deployment quick and easy on new and retrofit installs.

*Thermal Camera consists of the camera, bracket, USB cable and screws. FaceStation2 must be purchased separately.

Disclaimer : Products are not used to diagnose any medical conditions. Thermal cameras can identify individuals with skin temperature higher than a preset figure but should not be solely or primarily relied upon to diagnose or exclude a diagnosis of COVID-19, or any other disease. Only a licensed medical professional can determine if a person with elevated skin temperature is symptomatic of a specific medical condition.

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Features



Enhanced security and safety

- Combination of face recognition and skin temperature measurement
- Audio and visual alerts with optional alarm
- Bypass mode for skin temperature measure only
- Temperature data can be optionally saved as event logs



Accurate temperature measurement

- Fast and accurate measurement using thermographic camera with 19,200 pixels per frame
- Does not require reference blackbody to measure temperature



Easy deployment

- Easy connection with Facial Recognition Terminal 2 via USB
- Comes with a bracket for convenient deployment on new and retrofit installs



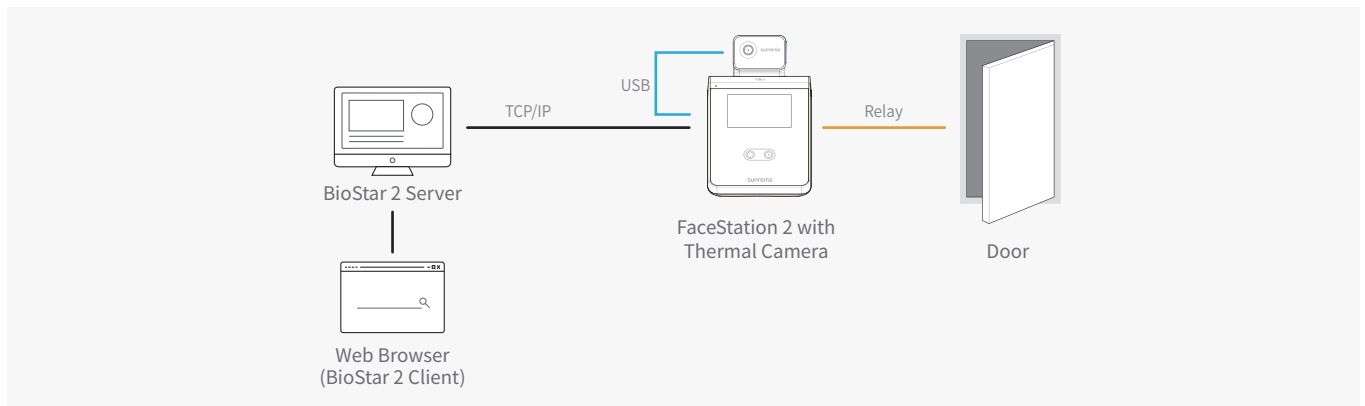
Ergonomic design for convenience

- Supports extended height range of 145cm – 210cm for face recognition and distance of 0.5m – 1.3m for temperature measurement
- Intuitive GUI for notifications
- Temperature can be displayed both in Celsius and Fahrenheit

Specifications

Part Code	TCM10-FS2
Max. Resolution	120 × 160
NETD (Noise Equivalent Temperature Difference)	≤ 50 mK (@25 °C, F# = 1.0)
Field of View	37.2° × 50°(H × V)
Temperature Range	30 °C to 45 °C (86 °F to 113 °F)
Temperature Accuracy	± 0.5 °C (0.9 °F)
Temperature Distance	Adjustable, 40cm – 80cm (15.7" to 31.5")
Interface	USB
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Dimensions (WxHxD, mm)	70 mm × 46 mm × 22.2 mm (2.76" × 1.81" × 0.87")
Components	Thermal camera with bracket and USB cable, 6 screws (does not include Facial Recognition Terminal 2)
Firmware	v1.3.2 or v1.4.0 and above
Compatible BioStar 2	v2.8.2.90 or v2.8.5 and above

System Configurations



Operation Example

