Suprema Thermal Camera

FaceStation 2 with Temperature Detection

Suprema FaceStation 2 with Temperature Detection combines Suprema's face recognition terminal* with Suprema Thermal Camera to detect users with elevated skin temperature.

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

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

Disclaimer : Suprema products are not used to diagnose any medical conditions. Suprema 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 FaceStation 2 via USB
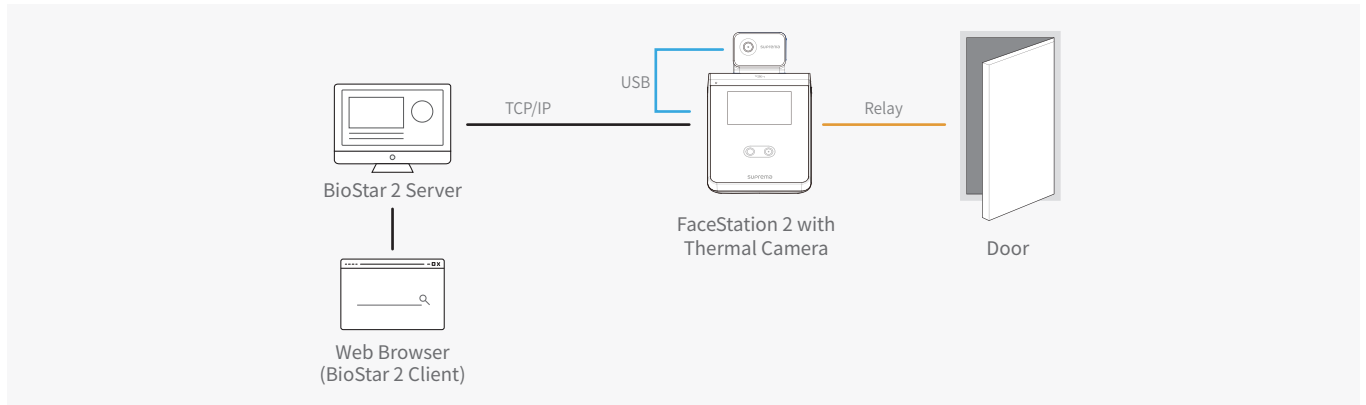· Comes with a bracket for convenient deployment on new and retrofit installs

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 FaceStation 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

BioStar 2 Server

TCP/IP

USB

Web Browser (BioStar 2 Client)

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Relay

Door

Operation Example

Within range — Higher than threshold

1. Measure skin temperature at the door
2. FaceStation 2 will display whether the measured skin temperature is higher than preset threshold
3. Trigger alarm & notification to admin