

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.

- FaceStation 2's face recognition algorithm designates the upper face area, enabling Suprema Therma Camera to measure the most accurate skin temperature.
- · 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.

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Features -



Enhanced security and safety

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



Accurate temperature measurement

- · Enhanced accuracy by measuring from upper face area designated by FaceStation 2
- \cdot Fast and precise measurement using thermographic camera with 19,200 pixels per frame
- $\boldsymbol{\cdot}$ Does not require reference blackbody to measure temperature



Easy deployment

- · Easy connection with FaceStation 2 via USB
- $\boldsymbol{\cdot}$ Comes with a bracket for convenient deployment on new and retrofit installs



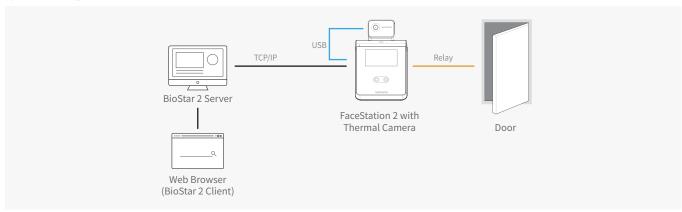
Ergonomic design for convenience

- \cdot Supports extended height range of 145 cm–210 cm for face recognition and distance of 40 cm–80 cm for temperature measurement
- · Intuitive GUI for notifications
- \cdot Temperature can be displayed both in Celsius and Fahrenheit

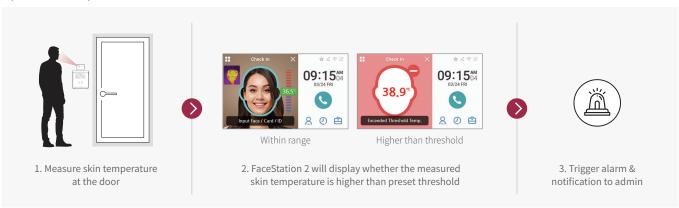
Specifications -

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, 40 cm-80 cm (15.7" to 31.5")
Interface	USB
Operating Temperature	0°C to 50°C (32°F to 122 °F)
Dimensions (WxHxD)	Camera: 77 mm x 46 mm x 222 mm (3.03" x 1.81" x 0.87") Camera with Bracket: 139.84 mm x 163.8 mm x 22.8 mm (5.51" x 6.45" x 0.90")
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



Operation Example





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[·]For ±0.5°C accuracy, use the device: · In recommended ambient temperature (10°C to 35°C ° or 50°F to 95°F) · 90 minutes after turning on (for self-calibration)