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.

*Suprema Thermal Camera consists of the camera, bracket, USB cable and screws. FaceStation 2 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.
Suprema Thermal Camera
FaceStation 2 with Temperature Detection

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
- Enhanced accuracy by measuring from upper face area designated by FaceStation 2
- Fast and precise 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 145 cm–210 cm for face recognition and distance of 40 cm–80 cm for temperature measurement
- Intuitive GUI for notifications
- Temperature can be displayed both in Celsius and Fahrenheit

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Code</td>
<td>TCM10-FS2</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>120 × 160</td>
</tr>
<tr>
<td>NETD</td>
<td>≤ 50 mK (@25°C, F# = 1.0)</td>
</tr>
<tr>
<td>Field of View</td>
<td>37.2° × 50° (H × V)</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>30°C to 45°C (86°F to 113°F)</td>
</tr>
<tr>
<td>Temperature Accuracy*</td>
<td>≤ ±0.5°C (0.9°F)</td>
</tr>
<tr>
<td>Temperature Distance</td>
<td>Adjustable, 40 cm–80 cm (15.7” to 31.5”)</td>
</tr>
<tr>
<td>Interface</td>
<td>USB</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0°C to 50°C (32°F to 122°F)</td>
</tr>
</tbody>
</table>
| Dimensions              | Camera: 77 mm x 46 mm x 22.2 mm (3.03” x 1.81” x 0.87")  
|
| Camera with Bracket     | 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 above |

*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)

System Configurations

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