

Thermal Temperature Scanner

TSOC# TS-SFTS-3000



- 7-in. LCD Display with a 600 x 1024 Resolution
- Dual 2 MP CMOS Sensors
- Infrared Temperature Sensor
- Contactless Temperature Measurement from 0.30 m to 1.83 m (1.0 ft to 6.0 ft) from Scanner
- Temperature Measurement Accurate to $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$)

Technical Specification

System

Main Processor	Embedded
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
Interoperability	ONVIF, CGI, SDK Support
Status Indicator	Red: Error Green: Normal Operation Blue: Device Working

Video

Sensor	Two (2) 1/2.8-in. 2 MP CMOS Sensors
Wide Dynamic Range	120 dB
Illumination	Auto White Light Auto IR
Display	7-in. Screen
Screen Type	Capacitive
Resolution (H x V)	600 pixels by 1024 pixels

Interface

Ethernet	One (1) 1000 Mbps Port, RJ-45 One (1) 10/100 Mbps Port, RJ-45
RS485	One (1) Port
RS232	One (1) Port
Wiegand	One (1) Port, Input or Output
USB	Two (2) USB 2.0 Ports

Alarms

Input	Two (2) Switches
Output	Two (2) Relays

Temperature Monitoring

Area		120 pixels x 90 pixels
Visual Angle		50°
Monitoring Range		30° C to 50° C (86° F to 122° F)
Ambient Operating Range		16° C to 32° C (60.80° F to 89.60)
Time		0.2 s
Accuracy		0.1° C (0.18° F)
Error		±0.5° C (0.9° F)
Distance		0.30 m to 1.80 m (11.81 in. to 70.86 in.)
Height	at 0.50 m (19.67 in.) distance	1.40 m to 1.85 m (55.12 in. to 72.83 in.)
	at 1.20 m (47.24 in.) distance	1.35 m to 2.0 m (53.15 in. x 78.74 in.)

Functions

Access Rules	Temperature Threshold Face Mask Detection
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Technical Specification

Certifications

Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 55032:2015, EN 55024:2010/A1:2015, EN 55035:2017, EN 50130-4:2011/A1:2014, EN 61000-3-3:2013
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Electrical

Power Supply Mode	12 VDC, 2 A (power adapter included)
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Power Consumption	≤ 24 W
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Environmental

Operating Temperature	+15° C to +32° C (+59° F to +89.6° F)
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Operating Humidity	0% to 90% Relative, non-condensing
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Environment	Indoors
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Construction

Housing Material	Aluminium Alloy Tempered Glass, PC
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Dimensions	Product	312.50 mm x 129.0 mm x 36.70 mm (12.30 in. x 5.08 in. x 1.44 in.)
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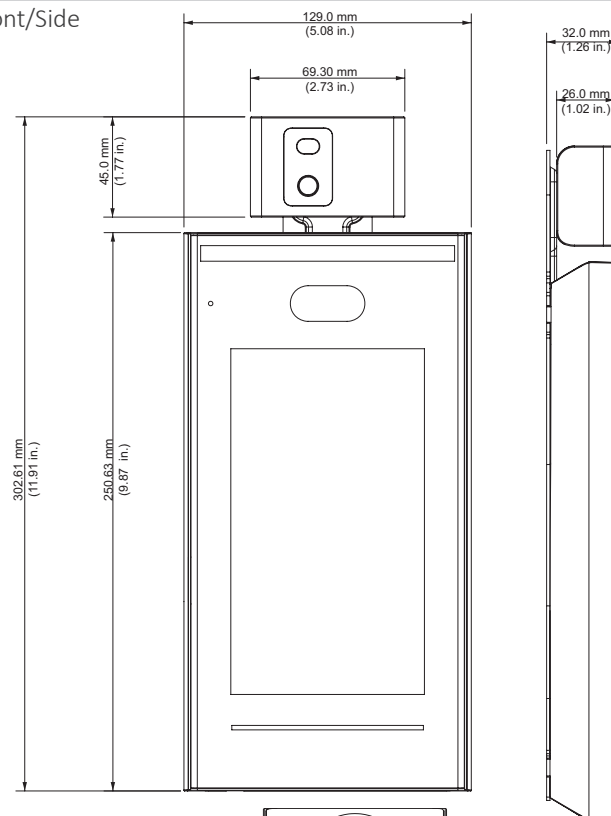
Packaging	- Controller: 380.0 mm x 235.0 mm x 124.0 mm (14.96 in x 9.25 in. x 4.88 in.) - Protective Case 494.0 mm x 402.0 mm x 275.0 mm (19.45 in. x 15.83 in. x 10.83 in.)
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Gross Weight	2.20 kg (4.85 lb)
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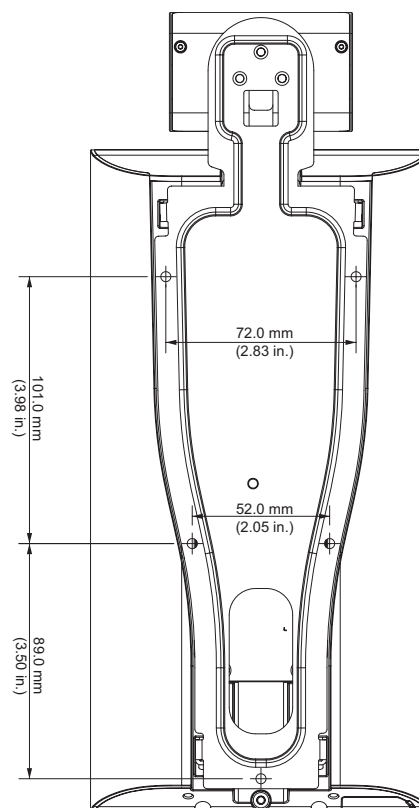
Installation	Wall-mount or optional floor stand or desktop stand
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Dimensions (mm/in.)

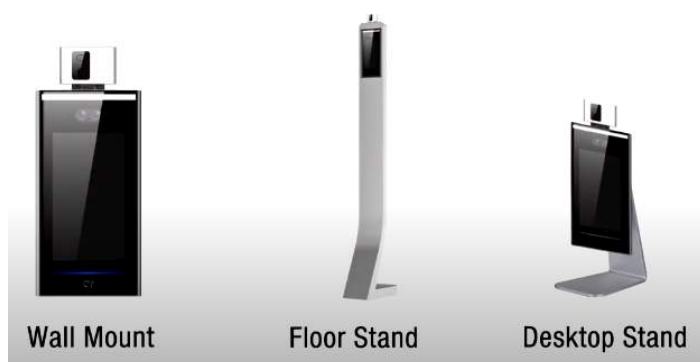
Front/Side



Rear



Mounting Options



Note: This Thermal Temperature Scanner is for preliminary screening purpose only. Any elevated body temperatures should be confirmed with an approved secondary evaluation method. Ie Clinical Grade Contact Thermometer