



TRUSTED THERMAL SCANNER 2.0 Face Recognition Terminal

Trusted Thermal Scanner 2.0 face recognition terminal is a kind of access control device integrated with temperature screening function. It takes skin-surface temperature and upload abnormal temperature event to the center, which can be widely applied in multiple scenarios, such as enterprises, stations, dwellings, factories, schools, campus and so on.



Supports Vanadium Oxide uncooled sensor to measure target's temperature

Temperature measuring range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: 0.1 ° C, deviation: ± 0.5 °C

Recognition distance: 0.3 to 1.8 m

Fast temperature measurement mode: Detects face and takes temperature without identity authentication

Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature, etc

Face mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance is valid

Forced mask wearing alert: If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance will be failed

Displays temperature measurement results "Normal Temperature" or "Abnormal Temperature" on the authentication page

Triggers voice prompt when detecting abnormal temperature

Configurable door status (open/close) when detecting abnormal temperature

Transmits online and offline temperature status to the client software via TCP/IP communication and saves the data on the client software

Face recognition duration < 0.2s/User; face recognition accuracy rate ≥ 99%

6000 face capacity, 6000 card capacity, and 100,000 event capacity

Suggested height for face recognition: between 1.4 m and 1.9 m

Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out

Watchdog design and tamper function

Audio prompt for authentication result

NTP, manually time synchronization, and auto synchronization

Connects to external access controller or Wiegand card reader via Wiegand protocol

Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is destroyed

Imports and export data to the device from the client software

Supports multiple languages: English, Spanish, French, Italian, Portuguese, Polish, Russian, Thai, and Arabic

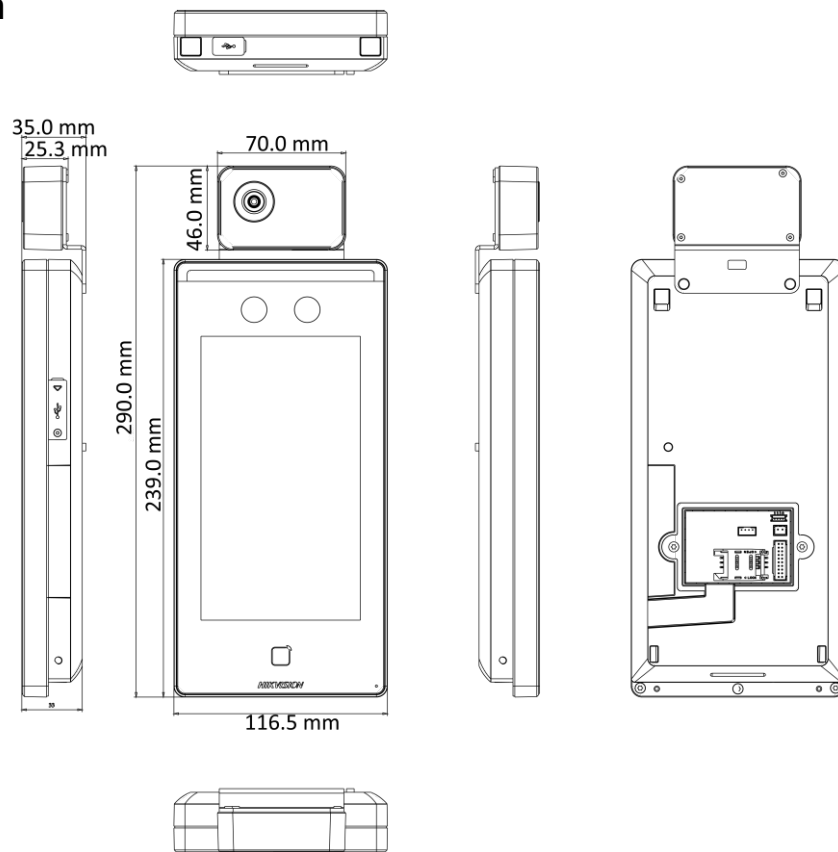
* Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.

* In order to get an accurate temperature, after the device is powered on, you should wait for 90 min to warm the device up.

Specification

Temperature measurement	
Temperature range	30 °C to 45 °C (86 °F to 113 °F)
Sensor	Vanadium Oxide uncooled sensor
Resolution	120 × 160
Frame rate	25 fps
Measurement accuracy	0.1 °C
Measurement deviation	± 0.5 °C
Measuring distance	0.3 to 1.8 m
Screen	
Size	7-inch
Type	Touch screen
Camera	
Pixel	2 MP
Lens	Dual-lens
Network	
Wired network	Support, 10/100/1000 Mbps self-adaptive
Interface	
Network interface	1
RS-485	1
Wiegand	1
Lock output	1
Exit button	1
Door contact input	1
IO input	2
IO output	1
TAMPER	1
Capacity	
Card capacity	6000
Face capacity	6000
Event capacity	100,000
Authentication	
Card type	Mifare 1 card
Card reading distance	0 to 5 cm
Card reading duration	< 1 s
Face recognition duration	< 0.2 s per person
Face recognition distance	0.3 to 1.8 m
Function	
Face anti-spoofing	Support
Live view	Support
Audio prompt	Support
Others	
Power supply	12 VDC/2 A
Working temperature	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)
Working humidity	10 to 90% (No condensing)
Application environment	Indoor and windless environment use only

Dimension



Desktop Stand Height 450mm



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