

SPRO[®]

SPTEMP01-W

Body Temperature Door Release System



FACE DETECTION



THERMOMETER



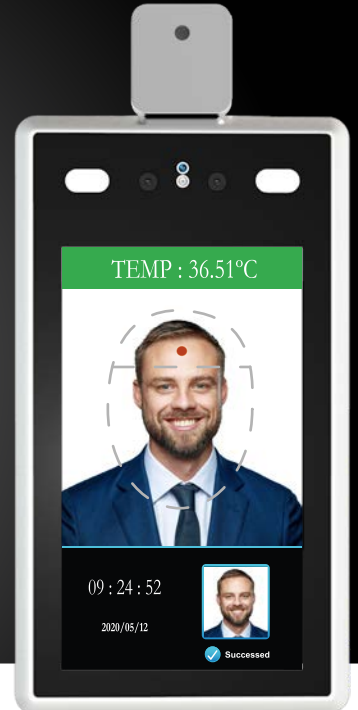
DOOR RELEASE



ALARM



SNAPSHOTS



Key Features:

- Non-contact automatic body temperature detection, brush human face and perform high-precision infrared human temperature acquisition at the same time, fast and highly effective.
- Temperature measurement range 30-45 (°C) Accuracy ± 0.3 (°C).
- Automatically identify unmasked personnel and provide real-time warning.
- Support mid-range temperature measurement and real-time warning of high temperature.
- Support temperature data SDK and HTTP protocol docking.
- Automatically register and record information, avoid manual operation, improve efficiency and reduce missing information.
- Support binocular live detection.
- Unique face recognition algorithm to accurately recognize faces, face recognition time <500ms.
- Support human motion tracking exposure in strong backlight environment, support machine vision optical wide dynamic ≥ 80 dB.
- Adopt Linux operating system for better system stability.
- Rich interface protocols, support SDK and HTTP protocols under multiple platforms such as Windows / Linux.
- 7-inch IPS HD display.
- IP34 rated dust and water resistant.
- MTBF > 50000 H.
- Support 22400 face comparison library and 100,000 face recognition records.
- Support one Wiegand input or Wiegand output.
- Supports fog through, 3D noise reduction, strong light suppression, electronic image stabilization, and has multiple white balance modes, suitable for various fields scene demand.
- Support electronic voice broadcast (normal human body temperature or super high alarm, face recognition verification results).

(continued)

SPECIFICATIONS

Model Number SPTMP01-W

Hardware

Chipset Hi3516DV300

System Linux operation system

RAM 16G EMMC

Image sensor 1/2.7" CMOS

Lens 4.5mm

Camera Parameters

Camera Binocular camera supports live detection

Effective pixel 2Mega pixel, 1920*1080

Min. lux Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2

SNR ≥50db(AGC OFF)

WDR ≥80db

Face Recognition

Height 1.2-2.2 M, angle adjustable

Distance 0.5-2 Meters

View angle Vertical ±40 degree

Reco. Time <500ms

Function Support 22400 faces database and 100000 records

Temperature

Range 30-45 (°C)

Accuracy ±0.3 (°C)

Distance 0.3-0.8米

Response time <300ms

Interface

Internet interface RJ45 10M/100M Ethernet

Weigand port Support input/output 26 and 34

Alarm output 1 channel relay output (For door release)

USB port 1 USB port (Can be connected to ID identifier)

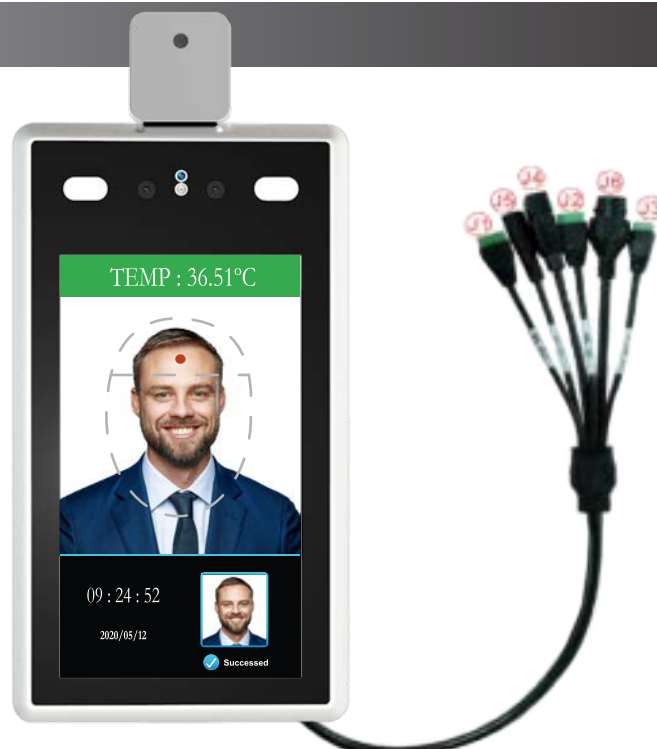
General

Power input	DC 12V/3A
Power consumption	20W(MAX)
Working temperature	-0°C~+50°C
Humidity	5~90%, no condense
Dimensions	123.5(W) * 45.5(H) *266(L)mm
Weight	1.9 kg

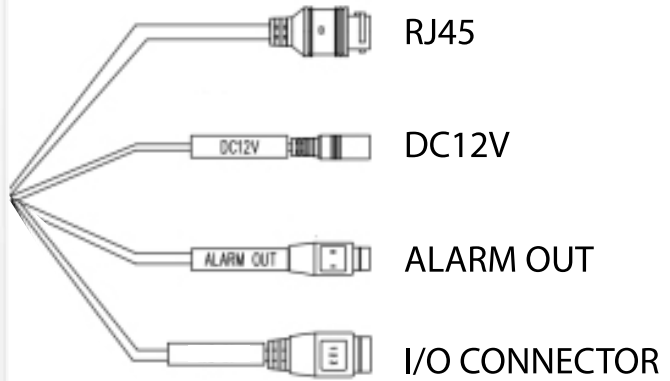
Precautions

- The temperature measuring device should be used in a room with a room temperature between 10°C - 40°C. Do not install the temperature measuring device under a vent, and ensure that there is no heating source within 3 meters;
- Personnel entering the room from a cold outdoor environment will affect the temperature measurement accuracy. The forehead temperature test should be performed after the forehead is unobstructed for three minutes and the temperature is stable;
- The temperature read by the temperature measuring device is the temperature in the forehead area. When there is water, sweat, oil or thick makeup on the forehead or the elderly have more wrinkles, the read temperature will be lower than the actual temperature. Make sure there is no hair or clothing covering this area.

Interface specification



(continued)



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