

THERMAL FR-19PRO

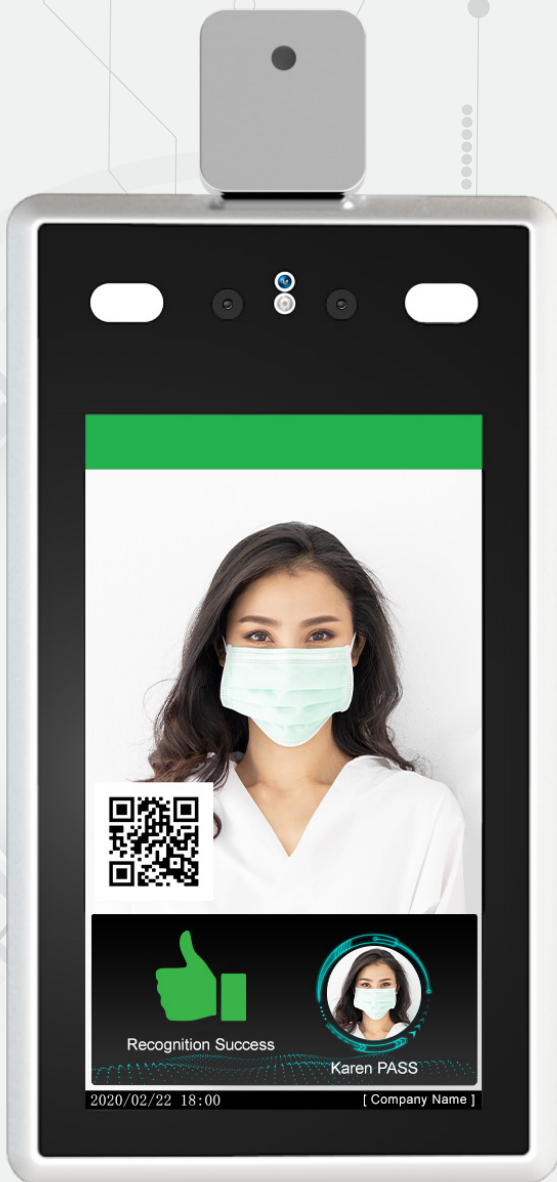
Face Recognition & Temperature Scanning System



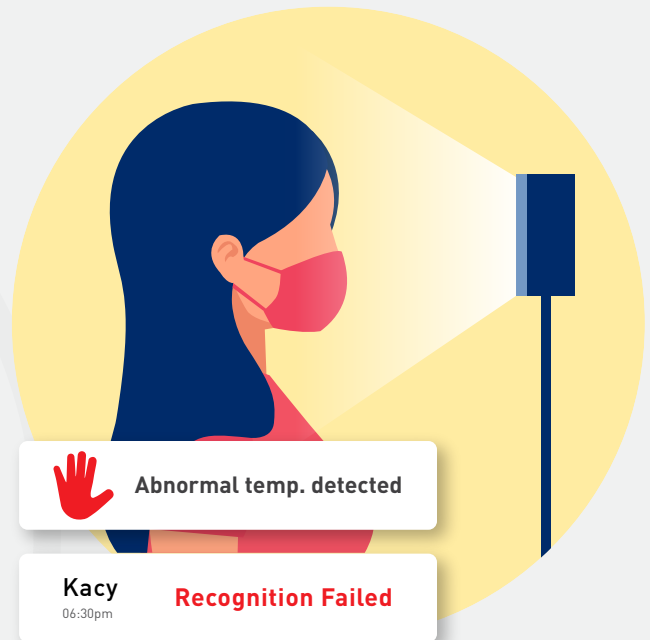
Up to 98% Government Support

- ✓ 80% grant support under the PSG* (Productivity Solutions Grant)
- ✓ SFEC (SkillsFuture Enterprise Credit)*

*Subjected to PSG Approval and SFEC Eligibility



Normal Temperature



- AI Face Recognition
- Automatically Mask Detection
- Contactless Temperature Scanning
- Intelligent Attendance Management
- 100K Transaction Storage
- Acoustic Alarm Alert
- Integration of Safe Entry QR
- High Temp. Email Notification
- Access Control Enable
- Cloud Access Management

An initiative of:



SMEs GO DIGITAL
PRE-APPROVED

Supported by:



In support of:



HSA Class A Medical Device Licensed
Import Licence No: ES0501115
Wholesaler Licence No: ES0501116

Model - Thermal FR-19 Pro

HARDWARE

Chipset	Hi3516DV300
System	Linux Operating 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

TEMPERATURE

Range	30 – 45 (°C)
Accuracy	±0.3 (°C)
Distance	0.3 – 0.8 m
Response time	<300ms

INTERFACE

Internet interface	RJ45 10M/1 00M Ethernet
Weigand port	Support input/output 26 and 34
Alarm output	1 channel relay output
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
Dimension	123.5(W) * 84(H) *361.3(L)mm
Weight	2.1kg
Column aperture	33mm

⚠ PRECAUTIONS

- The temperature measuring device should be used in a room with a room temperature between 10°C - 40°C. Do not install the device under the 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.
- **The temperature displayed in the data report is for reference only and is not for diagnostic purpose.**



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