



AI
AI Deep Learning Engine



50,000 Users



Mask Detection



Live Face Detection



Temperature Screening



Wireless Communication

FaceDeep 5 IRT Smart Face Recognition Terminal with Infrared Temperature Detection

The FaceDeep 5 IRT is an AI based Smart Face Recognition Terminal with an Infrared Thermal Temperature Detection camera designed to rapidly scan users to detect elevated body temperature. The ideal touchless solution for recording Time & Attendance, it can simultaneously check for temperature and mask-wearing.

At a Glance, The Benefits

Contactless temperature measurement

Keep employees and visitors safe with contactless temperature measurement. FaceDeep 5 IRT uses advanced thermographic temperature screening featuring an infrared thermometer with thermal imaging. Thermographic technology captures data at millions of points, is faster and more accurate than single point thermophile technology and allows data capture from further away.

Liveness face detection

With the experience of verifying over one million faces globally, FaceDeep is one of the most accurate face recognition terminals available and is suitable for a wide range of environments and conditions. Dual Camera technology enables live visual face recognition with a unique deep learning algorithm to achieve high accuracy and identify fake faces presented on photos or digital images.

Flexible installation options

The ultra-slim design fits neatly into your existing building environment while best in class ergonomics ensure the terminal can be mounted to accommodate people with a range of heights.

Reassurance for employees and customers

The terminal can also be used for anonymous temperature detection and mask wearing detection of visitors, customers and vendors providing an additional layer of health and safety protection for your employees.

Features



Infrared Thermal Temperature Detection

IRT Temperature Detection Camera specifically designed to rapidly scan users with elevated body temperature.



1GHz Linux Based Processor

The new Linux based 1GHz processor ensures 1:50,000 comparison time in less than 0.3 seconds.



Wi-Fi Flexible Communication

Wi-Fi Function allows for stable wireless communication and flexible installation of equipment.



Liveness Face Detection

Live face recognition based on infrared and visible light.



Wide Angle Camera

The ultra wide angle camera enables fast recognition.



IPS Full Screen

Colourful IPS screen ensures the best interaction and user experience and provides clear notifications to users.



Cloud Application

The Web-based cloud application lets you access the device securely by mobile device anytime and anywhere.

Key Specifications

Max. Users	50,000
Max. Cards	50,000
Max. Logs	100,000
Communication	TCP/IP, RS232, Wi-Fi
Identification Mode	Face, Password, RFID
Identification Distance	0.3-2M
Identification Speed	<300ms
RFID Card	125KHz EM, 13.56MHz: MiFARE, DESFire
CPU	Dual Core Linux Based 1Ghz CPU with enhanced AI computing.
Infrared Thermal Temperature Detection Module	Detect distance 30cm-100cm Accuracy +/- 0.3°C (0.54°F)
Temperature Range	-10°C (14°F) - 50°C (122°F)
Humidity	20% to 90%
Power	DC12V 3A
IP Ratings	IP65 (For Deep5 Terminal only IRT Thermo module is not included)
Camera Angle Range	74.38° (Visual), 67.57° (Infrared)