

# FaceDeep 5 IRT

AI Based Smart Face Recognition and Infrared Thermal Temperature Detection Terminal



Infrared Thermal  
Temperature  
Detection



Liveness Face  
Detection

**AI**

AI Deep Learning  
Architecture



IP65



Mask  
Detection



FaceDeep 5 IRT is a new AI-based face recognition and temperature screening terminal equipped with a dual-core Linux-based CPU and the latest BioNANO<sup>®</sup> deep learning algorithm. FaceDeep 5 IRT supports up to 50,000 dynamic face database, and can realize a less than 100ms new face template learning and face recognition time. FaceDeep 5 IRT is equipped with a 5-inches IPS full-angle TFT-LCD screen. FaceDeep 5 IRT can realize live face detection function by the multispectral imaging technology through an infrared light camera and a visible light camera. FaceDeep 5 IRT adopts 1024 pixels infrared thermal imaging temperature measurement module which can realize temperature screening function.

# FaceDeep 5 IRT

AI Based Smart Face Recognition and Infrared Thermal Temperature Detection Terminal

## ■ Features



### 1GHz Linux Based Processor

The new Linux based 1Ghz processor ensures the 1:50,000 comparison time less than 0.3 second.



### Wi-Fi Flexible Communication

Wi-Fi function can realize stable wireless communication and realize 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 face recognition.



### IPS Full Screen

The colorful IPS screen ensures the best interaction and user experiences and can also provide clear notifications to the users.



### Web Server

The web server ensures the easily quick connection and self management of the device.



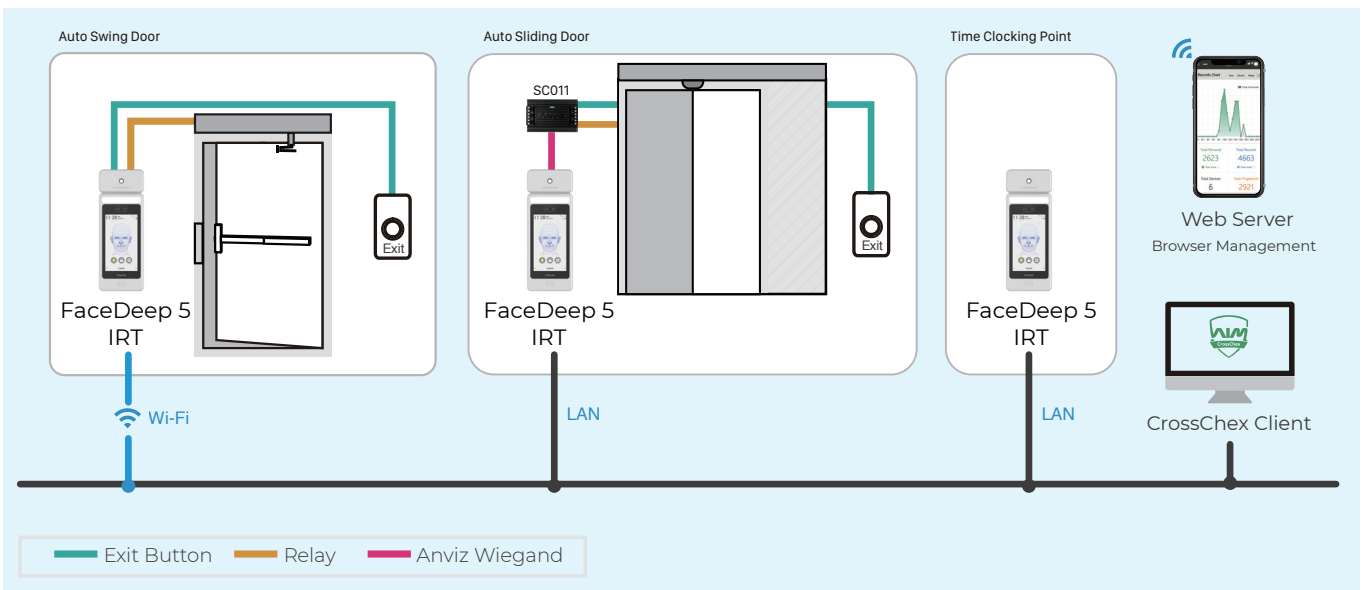
### Cloud Application

The web based cloud application let you access to the device by any mobile terminal from anytime and anywhere.

## ■ Key Specifications

User	50,000
Card	50,000
Record	500,000
Communication	RS485, TCP/IP, RS232, Wi-Fi
Identification Mode	Face, Password, RFID Card
Identification Speed	<100ms
Card Reading Distance	125KHz(1~5cm), 13.56MHz(< 2cm) for Standard CR80 Card
Web Server	Support
CPU	Dual Core Linux Based 1Ghz CPU with Enhanced AI Computing Power
Infrared Thermal Temperature Detection Module	10-50°C Detection range, Detect distance 2m (78.7inch), Accuracy ±0.3 °C (0.54 °F)
RFID Card	Standard EM, Optional Mifare
Working Temperature	-30 °C (-22 °F)- 60 °C (140 °F)
Humidity	20% to 90%
Power	DC12V 3A
Protection	IP65
Angle Range	74.38°(Vision), 67.57°(Infrared)

## ■ System Configurations



### Anviz Global Inc.

41656 Christy Street Fremont, Fremont, CA, 94538

Tel: 1-510-573-6552 | Toll-free: 1-855-268-4948 | [sales@anziv.com](mailto:sales@anziv.com) | [www.anziv.com](http://www.anziv.com)

©2020 Anviz Global Inc. Anviz and identifying product names and numbers herein are registered trademarks of Anviz Global Inc. All non-Anviz brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status and/or specifications are subject to change without notice.