

FaceDeep 5

AI Based Smart Face Recognition Terminal



Liveness Face
Detection

AI

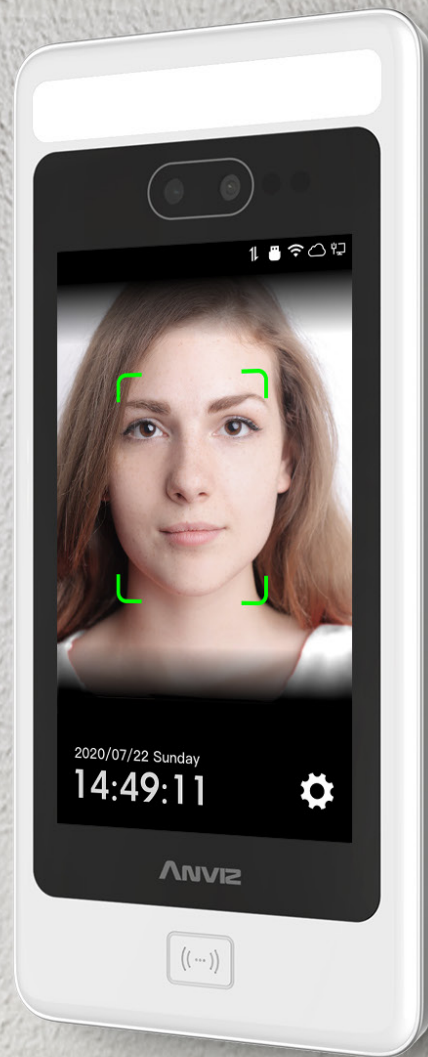
AI Deep Learning
Architecture



IPS Screen



Mask
Detection



FaceDeep 5 is the new AI based face recognition terminal equipped with a dual core based Linux based CPU and the latest BioNANO[®] deep learning algorithm. FaceDeep 5 supports up to 50,000 dynamic face database and can reach an under 1s new face learning time and an under 300ms face recognition time by 1:50,000. FaceDeep5 equips a 5" IPS full angles touch screen. FaceDeep5 can realize true 3D liveness detection to prevent fake face from photo and video.

FaceDeep 5

AI Based Smart Face Recognition 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 120° 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.



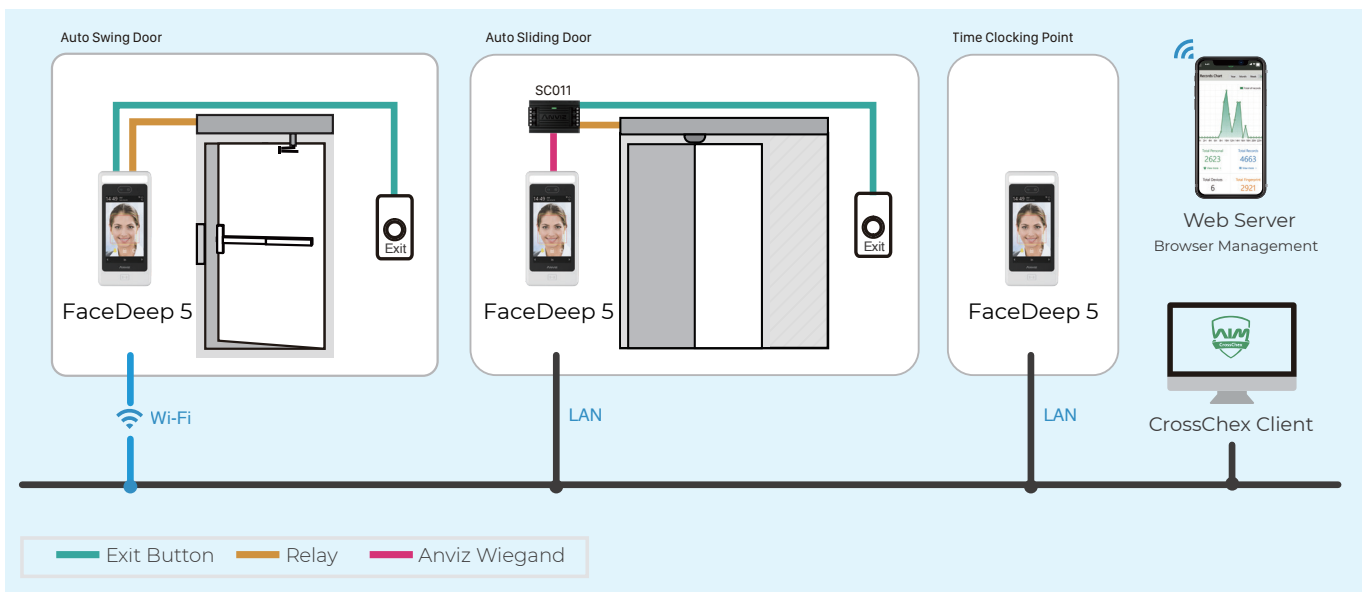
Cloud Application

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	100,000
Communication	RS485, TCP/IP, RS232, Wi-Fi
Identification Mode	Face, Password, RFID Card
Identification Speed	<300ms
Card Reading Distance	"1~5cm (125KHz), 13.56MHz >2CM) for Standard CR80 Card"
Web Server	Support
CPU	Dual Core Linux Based 1Ghz CPU with Enhanced AI Computing Power
RFID card	Standard EM, Optional Mifare
Working Temperature	-30 °C (-22 °F)- 60 °C (140 °F)
Humidity	20% to 90%
Power	DC12V 3A

System Configurations



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