Face Recognition (Thermal)
Model: NF5028-T

NF5028-T

Feature：

- Powerful hardware platform based on RV1109 chip with 2-core, 1.5GHz CPU, 1.2TFLOPS computing power ;
- Wide dynamic and low illumination CMOS, image resolution is 1920*1080;
- Binocular wide dynamic camera, support live detection, effectively prevent photos, videos, and attacks;
- Face recognition performance is as fast as 0.3 seconds, and the recognition accuracy is as high as 99.7%;
- The maximum recognition distance is to 2 meters;
- Support HEIMANN 5.0 module for accurate temperature measurement;
- Support access control, wiegand output;
- Supports offline face recognition, and can directly enroll face on a stand-alone device, no need for background and cloud;
- Support the expansion of the face list library;
- Support 1:N face recognition;
- Support inbuilt card reader (optional);
- Support the secondary development and docking of LAN and cloud protocols;

Description:

The NF5028-T face recognition the latest generation of face recognition solutions launched by our Keyking. It uses the Rockchip RV1109 main chip with excellent comprehensive performance as the core with 1.2TFLOPS of artificial intelligence computing power, and face recognition speed reaches 10ms, can make face recognition truly a senseless experience. The solution integrates large-capacity storage, and can store up to 20,000 faces locally, which can be reliably identified offline.

Application：

Smart communities, schools, office buildings, hospitals etc.

Specification：

1.   Hardware & Software
- Screen: 8 inches ；   resolution: 800*1280 ； Touch screen：Optional
- Processor：RV1109, 2 Core, 1.5GHz
- RAM：1GB；Flash: 8GB
- Camera：2 million pixels binocular live camera, F2.0 aperture, 4.30mm focal length, 73° visual wide angle, support white balance
- Operation ystem：Linux

2.   Performance:
- Recognition distance：0.5-2m
- Recognition time：<=300ms
- Face capacity：1：N，N<=20000
- Recognition accuracy：99.70%
- Temperature detection：Support（HEIMANN 32*32 L5.0 module，Optional)
- Inbuilt card reader：Support（Optional）
- Stranger detection：Support stranger recognition and door open
- Record storage：150,000

3.   Smart Function
- Remote door：Support
- Advertisement standby：Support advertising picture playback function
- Logo：logo at the right bottom
- Upgrade Online：Support
- SDK: connecting by LAN or WAN

4.   Interface
- Power supply：1
- USB：1
- Door Relay：1
- RJ45 network cable：1(10/100M TCP/IP)
- Wiegand output：1
- Alarm input：2

5.   Working Environment
- Power Supply: 12VDC, 2A
- Power consumption：≤8W
- Working temperature：-20℃ ~ +60℃
- Working Humidity：20%－90%
- Storage Temperature：-40~125℃
- Weight：1.7kg