Face Recognition
Model: NF1524

NF1524

Features：

- CPU 1.2G dual core ARM Cortex-A ， NPU 0.6T computing power， AI CPU;
- The 2 million pixels binocular, wide dynamic camera, can be identified under strong light and dark light;
- Support for simultaneous recognition of up to 5 people, face tracking and face capture;
- The face recognition is less than 0.2S;
- Support live detection, dynamic binocular anti-counterfeiting, and prevent all kinds of photos and videos from deceiving on various carriers;
- Multiple verification including face, card, password and combination verification;
- 4.3 touch screen;
- Support TTS, Chinese and English voice name prompt;
- Support 20 languages and voice, support Chinese, English, Korean, Persian T9 input method;
- Support offline scheduling editing, report download to flash disk;
- Professional access control function： time schedule， group combination for door open， user valid date ， anti-sneak back, double door interlock， alarm： illegal door open alarm， door open prompt， fire linkage;
- Support night LED and infrared fill light;
- Support QR code.

Description：

NF1524 is the latest generation of face recognition solutions launched by Keyking. The CPU uses 1.2G dual-core ARM Cortex-A and the NPU has 0.6T computing power to achieve the fast face recognition speed and high accuracy. It supports multiple verification including face, card, password, and combination verification, which can be reliably recognized offline; It supports multiple languages and voices; Integrates professional access control functions.

Application：

Used in government, office buildings, communities, schools, enterprises, industrial and other places as access control and attendance equipment.

Specification：

Hardware

- Screen： 4.3 inch touch screen
- CPU： 1.2G Dual-Core ARM Cortex-A7
- NPU： 0.6T computing power
- RAM： 256M
- ROM： 4GB
- Camera ： 2 million binocular wide dynamic camera， sensor 1/2.9 inch， FOV 75°； 2 million infrared camera， sensor 1/5 inch， FOV 75°
- Inbuilt reader： Proximity reader standard （IC card reader is optional）
- Fill light： LED highlight fill light+Dual infrared high-power fill light
- WIFI： Support (Optional)
- Keypad： Virtual keyboard

Firmware

- Operation System: Linux 3.10
- Language: 20 languages including Chinese and English

Performance

- Verification: Face, PIN, Card and combination verification
- Recognition mode： 1： 1； 1： N
- Recognition Distance： 0.5-2.5m
- Recognition time： ≤0.2s
- User capacity： 5000 Standard/20000 (optional)
- Misrecognition rate： ≤0.001%
- Rejection rate： ≤0.1%
- Log capacity： 500,000

Interface

- Power supply： 1(12VDC, 2A)
- USB： 1 (Type-A, for flash disk)
- Exit button： 1
- Relay output： 1
- Ethernet： 1(10/100M TCP/IP)
- Wiegand output： 1
- Wiegand input： 1
- Door sensor： 1
- Door bell： 1
- Alarm input： 1

Working Environment

- Working temperature： -15℃ ~ 60℃
- Dimension： 187.5*87.5*26mm