



NFD7024-O

**Feature:****Industrial Chip Platform And System**

- Built-in industrial chip, Linux operating system to achieve high stability

**Face Recognition Algorithm**

- Intelligent deep learning face recognition technology, integrate face detection, tracking, capture, feature extraction, recognition and other intelligent analysis
- Support binocular live detection, effectively distinguish live and photo, reject false attack behavior
- Embedded algorithm, millisecond level alignment, 3,000 face capacity and 50,000 records

**Visual Intercom**

- Support two-way voice intercom between indoor machine or central management machine

**Full View Touch Screen**

- 4 inch full-view touch screen

**Voice Broadcast**

Built-in high sound quality speaker, support voice broadcast

**Offline Recognition Mode**

- Face recognition and access control function is sustainable even the network is broken.

**Description:**

NFD7024 Face recognition based on the Linux system platform of industrial chip, embedded intelligent deep learning face recognition technology, integrate face detection, tracking, capture, feature extraction, recognition and other intelligent analysis, with high recognition rate, fast speed, support real-time voice broadcast.

**Application:**

Smart communities, schools, office buildings, hospitals etc.

**Specification:****1. Hardware**

- Display: 4 inch HD screen, resolution 480\*800
- CPU: High performance industrial chip, Linux operation system
- Reader: Inbuilt IC card reader
- Camera: 1/2.8" Progressive Scan CMOS, 2 million pixels binocular live camera, support wide dynamic; 4mm focal length;
- LED Light: White RGB fill light + Infrared live detection fill light
- Loudspeaker: 8Ω, 1W
- Microphone: Inbuilt microphone
- Material: CNC aluminium alloy cover

**2. Performance:**

- Recognition Distance: 0.5~2.5m
- Recognition Height: 1.2~2m
- Recognition Angle: Vertical: 90°, Horizon: 45°
- Angle Time: ≤300ms
- Face Capacity: 1: N, N≤3,000
- Door Open: Face / Password / Card / Video / Remote
- Stranger Detection: Support
- Record Storage: 50,000

**3. Network**

- Support LAN
- Protocol: TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP
- IP Address: Fixed IP, Dynamic IP
- Browser Visit: Support

**4. Video/Audio**

- Video Compression Standard: H.264
- Video Frame Rate: 25F/s
- Video Compression Rate: 32Kbps~16Mbps
- Audio Compression Format: G.711u

**5. Interface**

- Power: 1 PCS 12VDC
- Relay Output: 1 PCS
- Exit Button: 1 PCS
- Door Sensor: 1 PCS
- Wiegand Output: 1 PCS
- TCP/IP: 10/100M adaptive

**6. Environment**

- Power Supply: 12VDC
- Power Consumption: ≤7W
- Temperature: -30°C~60°C
- Humidity: ≤95%
- Dimension: 140(W)\*340(H)\*30.2mm(D)
- Weight: 900g
- Installation: Embedded