

USB Fingerprint Scanner / Card Reader

# FOH02



Patented  
Live & Face Finger Detection

Rapid and Accurate  
Authentication



Compatible with  
Access Control S/W



**UBio** Your Bio All the Way

## Features



### Fingerprint or Card Authentication

FOH02: Fingerprint  
FOH02RF : Fingerprint & 125KHz proximity card  
FOH02SC : Fingerprint & 13.56 MHz smart card



### International Standard Image Format and Interface

ISO/IEC 19794-2:2005, ISO/IEC 19794-4:2005  
ANSI INCITS 378-2004  
WSQ Fingerprint Image Compression  
NFIQ(NITS Fingerprint Image Quality)



### Live Finger Detection Technology

Typical fake fingerprint :  
Silicone, Rubber, Film, Paper, Gelatin



### USB Connection

USB 2.0 compatible interface,  
plug and play device



### Superior Matching Engine

1st rank in FVC (Fingerprint  
Verification Competition)



### Advanced Optical Technology

Sensor resistant to scratches, impact,  
vibration and electrostatic shock

## SDK (Software Development Kit)

- Providing the optimal API to integrate with third-party software
- Providing fingerprint registration and authentication Wizard for convenient user management
- Applicable under the client/server and WEB environment

## Feature

- Auto Capture of single finger
- International standard format supports (ISO19794-2/4, WSQ, ANSI/INCITS378)
- Image quality check
- Multi-language supports with C++, C#, Java with its sample code
- Demo application with source code
- Windows, Linux, Android OS supports

## Various Applications



## Specification

| Model Name                             | NScan-FMH   |
|--|---|
| Fingerprint Type                       | Optical   |
| Resolution                             | 500dpi  |
| Gray Scale                             | 256 gray  |
| Platen Size (W X L)                    | 16 X 18 mm  |
| Sensing Area (W X L)                   | 15 X 17 mm  |
| Auto Sensing                           | O   |
| Speed                                  | 10 frames per second (fps)                          |
| Interface                              | USB 2.0 (High Speed)                                |
| Operating Humidity                     | 10 ~ 90%, non-condensing                            |
| Dimension (W x H x D)                  | 74 x 92 x 84 mm                                     |
| Certifications                         | KC, CE, FCC, ROHS, WHQL                             |
| Image Format                           | WSQ, RAW, BMP                                       |
| Template Type                          | VIRDI, ISO 19794-2, ANSI 378                        |
| LFD                                    | O   |
| Operating System                       | Windows, Linux                                      |
| Operating Temperature                  | -20°C ~ +60°C                                       |
| Card Type                              | RF: 125KHz proximity card, SC: 13.56 MHz smart card |
| Operatating Software (Server solution) | UNIS, ACSERVER                                      |

## Model Image



74



84

92