

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



Data / Platform Security



Banking System Security



Medical / Health Care System



Personal Identification

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
Operating Software (Server solution)	UNIS, ACServe

Model Image



74



92

84