

USB Fingerprint Scanner

# NScan-FMH



**FBI**

FBI PIV & FAP20 Certification



Live Finger Detection



IP65 Dust & Waterproof

**UBio** Your Bio All the Way

## Features



### 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

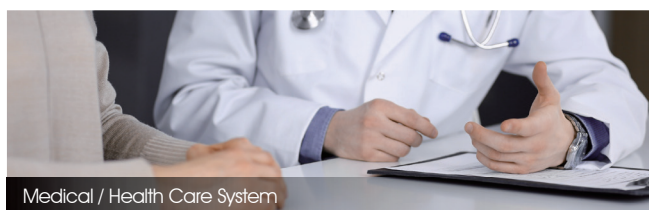
## Various Applications



Data / Platform Security



Banking System Security



Medical / Health Care System

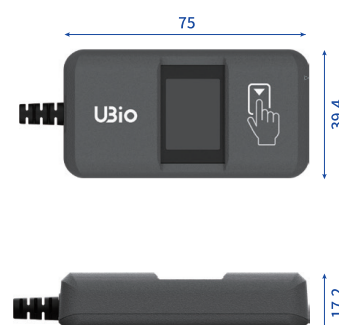


Personal Identification

## Specification

Model Name	NScan-FMH
Fingerprint Type	Optical
Resolution	500dpi
Gray Scale	256 gray
Platen Size (W X L)	16.6 X 21.6 mm
Sensing Area (W X L)	15.24 x 20.32 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)	75 x 39.4 x 17.2 mm
Certifications	KC, CE, FCC, ROHS, FBI PIV+FAP20
Image Format	ISO 19794-4 WSQ, RAW, BMP
Template Type	VIRDI, ISO 19794-2, ANSI 378
LFD	O
Operating System	Windows, Android
Operating Temperature	-20°C ~ +60°C
Card Type	X
Operating Software (Server solution)	-

### Model Image



## 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