

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

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	Model Image
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	
Operatating Software (Server solution)	-	

