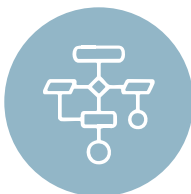


Hamster X

Fingerprint USB Scanner



Fast and accurate authentication
through advanced algorithms



Live Finger
Detection Technology



Various Applications

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



Data / Platform Security



Banking System Security



Medical / Health Care System



Personal Identification

Specification

Fingerprint Type	Optical	Operating Humidity	10 ~ 90%, non-condensing
Resolution	500dpi	Dimension (W x H x D)	53.8 X 82.7 X 73.9mm (with Stand) 27.7 X 73.8 X 41mm (without Stand)
Gray Scale	256 gray	Certifications	KC, CE, FCC, RoHS, WHQL
Platen Size (W X L)	14.5 X 17.46mm	Image Format	ISO 19794-4, WSQ, RAW, BMP
Sensing Area(W X L)	12.6 X 14.8 mm	Template Type	ISO 19794-2, ANSI 378
Auto Sensing	○	LFD	○
Speed	3 frames per second (fps)	Operating System	Windows, Android , Linux
Interface	USB 2.0(High Speed)	Operating Temperature	-20℃ ~ +60℃

