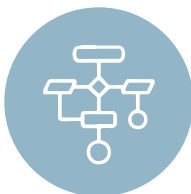


# Hamster X

Fingerprint USB Scanner

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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℃

