# Hamster X

Fingerprint USB Scanner

Fast and accurate authentication through advanced algorithms

Live Finger Detection Technology

Various Applications

**UBio** Your Bio All the Way

## Features

### Live Finger Detection Technology

- Typical fake fingerprint :
  Sillcone, 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 X14.8 mm | Template Type | ISO 19794-2, ANSI 378 |
| Auto Sensing | O | LFD | O |
| Speed | 3 frames per second (fps) | Operating System | Windows, Android , Linux |
| Interface | USB 2.0(High Speed) | Operating Temperature | -20℃ ~ +60℃ |


73.7
27.4
40.5