

# Hamster Plus

Optical Fingerprint Scanner



## Description

SecuGen Hamster Plus is the Auto-On™ version of SecuGen's fingerprint reader product line. SecuGen Hamsters are the industry's most accurate, rugged, and affordable USB fingerprint readers. Packed in a comfortable, ergonomic design, these high-performance, versatile readers feature advanced optical sensors engineered with patented SEIR™ technology to provide you the highest quality in fingerprint biometrics.

SecuGen Hamster Plus can be used for authentication, identification and verification functions that lets your fingerprints act like digital passwords that cannot be lost, forgotten or stolen.



---

## Features and Benefits

- Reduced password reset requests, decreased risk of security breaches, and improved accountability, all in a convenient and intuitive method for almost any user
- Easy to install and use with software applications requiring fingerprint authentication that lets your fingerprints act like digital passwords that cannot be lost, forgotten or stolen
- Consistent performance and security for a growing number of applications, with support for a wide range of operating systems, computing environments, and U.S. and international biometric standards
- Backed by the industry's best quality guarantee and over a decade of field use and proven performance under extreme conditions. This helps avoid the cost and inconvenience of replacing damaged units made by other sensor manufacturers
- Accurate, patented optical USB fingerprint sensor with 500 dpi resolution
- Auto-On to automatically detect the presense of a finger when placed on the reader
- Hardened optical glass platen that is scratch, impact, corrosion, and electrostatic shock resistant

## Target Applications

- Computer, network or internet security
- Bank and financial systems
- Medical information systems
- Labor and attendance tracking
- Any password-based application

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact [sales@fulcrumbiometrics.com](mailto:sales@fulcrumbiometrics.com) or call +1 (210) 257-5615 #1 to ensure you are compiling the best solution for your needs.

[www.fulcrumbiometrics.com](http://www.fulcrumbiometrics.com)

## Technical Specifications

Physical	Dimensions (W x L x H) - 27 x 40 x 73 mm (without stand), 53 x 73 x 84 mm (with stand) Weight: 100 g (without stand), 165 g (with stand) Cable Length: 1.5 m Operating Temperature: -20 °C ~ 65 °C Humidity: 90% or less RH, noncondensing USB 1.1 Full-Speed, USB 2.0 Hi-Speed Supply Voltage: 5 V DC (via USB) Current Consumption (max): 150 mA
Fingerprint Sensor	Optic Module: SDU03P, Image Resolution: 500 DPI Image Size: 260 x 300 pixels Platen Size: 16.1 mm x 18.2 mm Effective Sensing Area: 12.9 mm x 16.8 mm Image Grayscale: 256 levels (8-bit) Light Source/Typical Lifetime: LED/60,000 hours Fingerprint Capture Speed: 0.2~0.8 sec with Smart Capture (HSDU04P), 0.4~1.2 sec with Smart Capture (HFDU04)
PC Requirements	Windows 8.1, 8, 7/Vista/XP/2000, Windows Server 2012, 2008 R2, 2003
Certifications	FCC, CE, RoHS
Standards/Compliance	ANSI INCITS 378, BioAPI, FIPS 201, ISO/IEC 19794-2, ISO/IEC 19794-4
Compatibility	<u>Fulcrum Biometrics Framework (FbF®)</u> , VeriFinger SDK, MegaMatcher SDK

### Fulcrum Biometrics, Inc. (USA)

16108 University Oaks  
San Antonio, Texas 78249  
Office: 210-257-5615  
Fax: 210-257-5769  
[www.fulcrumbiometrics.com](http://www.fulcrumbiometrics.com)



### Fulcrum Biometrics (INDIA)

802, Udyog Vihar, Phase - V  
Gurgaon - Haryana, INDIA 122016  
Office: +91-124-4145414

[www.fulcrumbiometrics.com](http://www.fulcrumbiometrics.com)