

BAYOMETRIC

SecuGen Hamster IV

FIPS PIV (201) COMPLIANT FINGERPRINT READER



PRODUCT DESCRIPTION

The Hamster IV from SecuGen is an FBI certified biometric scanner compliant with FIPS 201 (PIV) standards. It has a robust build and ergonomic design which makes it an irreplaceable peripheral in domains that require biometric security over conventional passwords. The scanner supports plug & play architecture and can be easily connected with systems running on Windows, Linux or Android OS. The scanner is listed in the GSA FIPS 201 approved products list and is used in applications such as information security, infrastructure security, identity verification, and security in the finance and banking fields.

The SecuGen Hamster IV is equipped with a number of features that makes it an indispensable tool for applications that require high quality images and error free results. The Smart Capture feature produces high quality images consistent with FIPS standards irrespective of the finger's texture and nature (wet, dry, scarred or aged). The Auto-On feature automatically turns on the scanner when a finger is detected, thus overcoming the need for a manual trigger and also making the scanner power efficient. The scanner works on SecuGen's patented SEIR technology to produce 508 DPI single finger images.

APPLICATIONS

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

KEY FEATURES

- Compact, lightweight and portable
- Integrated finger guide
- Readily accessible for any finger
- High-performance, maintenance-free optical fingerprint sensor
- Sensor resistant to scratches, impact, vibration and shock
- FBI certified PIV single finger capture device compliant
- Listed on GSA FIPS 201 approved products list
- Supports SecuGen and third party algorithms

TECHNICAL SPECIFICATIONS

Product Name	Hamster IV
Model Number	HSDU04P, HFDU04
Optic Module	SDU04P, FDU04
Image Resolution	508 DPI
Image Size	258 x 336 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) and 0.4 ~ 1.2 sec with Smart Capture (HFDU04)
Interface	USB 1.1 Full-Speed, USB 2.0 Hi-Speed
Supply Voltage	5 V DC (via USB)
Current Consumption (max)	150 mA
Dimensions (W x L x H)	27 x 40 x 73 mm (without stand) and 53 x 73 x 84 mm (with stand)
Weight	100 g (without stand) and 165 g (with stand)
Cable Length	1500 mm

BAYOMETRIC

SecuGen Hamster IV

FIPS PIV (201) COMPLIANT FINGERPRINT READER

CONTACT

Phone	+1 (408) 940-3955
Email	sales@bayometric.co.uk
Web	www.bayometric.co.uk
Address	1743 Park Avenue San Jose, CA 95126

Operating Temperature	-20o - 65o C
Operating Humidity	90% or less RH, noncondensing
Warranty	One year limited
Supported Standards	ANSI INCITS 378, BioAPI, FIPS 201, ISO/IEC 19794-2, ISO/IEC 19794-4
Compliance	FCC, CE, RoHS, FBI PIV Single Finger, STQC
Supported Operating Systems	Windows 10, 8.1, 8, 7, Windows Server 2012, 2008 R2, Android 3.1 and above (HSDU04P only), Java, Linux

ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.

LINKS



www.linkedin.com/company/bayometric



www.facebook.com/bayometric/



www.twitter.com/bayometric/