

BAYOMETRIC

SecuGen Hamster Plus

HIGH-PERFORMANCE OPTICAL SENSOR



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

PRODUCT DESCRIPTION

The SecuGen Hamster Plus is a single finger biometric scanner capable of producing high quality images irrespective of the nature of finger being scanned. The scanner is equipped with SecuGen's Smart Capture technology which uses a set of four IR LEDs to produce fingerprints with 500 DPI resolution even if the finger is wet, dry, aged or scarred. The Hamster plus features a rugged yet ergonomic design which makes it widely used in authentication, identification and verification applications replacing conventional passwords.

The Hamster Plus has a USB 2.0 interface which supports plug and play architecture. The scanner is compatible with Windows, Linux and Android operating systems and can operate at both USB 1.1 Full-Speed and USB 2.0 Hi-Speed configurations. The scanner weighs just below 100 grams (excluding stand) and has a compact size which makes it ideal for Desktop applications. It is also equipped with SecuGen's Auto-On feature which enables the scanner to be turned on automatically without a manual trigger whenever a finger is placed on the platen. The scanner also uses patented SEIR technology to reduce FAR and FRR issues.

TECHNICAL SPECIFICATIONS

Product Name	Hamster Plus
Model Number	HSDU03P
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	13.2 mm x 15.2 mm
Image Grayscale	256 levels (8-bit)
Light Source / Typical Lifetime	LED / 60,000 hours
Fingerprint Capture Speed	0.2 ~ 0.5 seconds with Smart Capture
Interface	USB 1.1 Full-Speed, USB 2.0 Hi-Speed
Supply Voltage	5 V DC (via USB)
Current Consumption (max)	120 mA
Dimensions (W x L x H)	27 x 40 x 73 mm (without stand) 53 x 73 x 84 mm (with stand)
Weight	165 g (with stand) 100 g (without stand)
Cable Length	1500 mm
Operating Temperature	-20o ~ 65o C
Operating Humidity	90% or less RH, noncondensing
Warranty	One year limited

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Supported Standards	ANSI INCITS 378, BioAPI, FIPS 201, ISO/IEC 19794-2, ISO/IEC 19794-4
Compliance	FCC, CE, RoHS
Supported Operating Systems	Windows 10, 8.1, 8, 7, Windows Server 2012, 2008 R2, Android 3.1 and above, Java, Linux, Windows CE

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.

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