

BAYOMETRIC

SecuGen SDU03P

USB FINGERPRINT MODULE



PRODUCT DESCRIPTION

The SecuGen SDU03P is an embedded fingerprint OEM module which features USB interfacing and supports Plug & Play architecture. The SDU03P is one amongst a series of OEM modules that support USB interfacing. The device has a high quality fingerprint optic module that uses SecuGen's advanced optical technology to scan images. The images are of 500 DPI 8 bit resolution and have a size of 260 x 300 pixels. The module measures 21 x 32 x 60 mm which makes it compact and suitable for integration into other devices.

The module is built to withstand extreme operating conditions. The platen is scratch resistant and the module can withstand mechanical shocks, vibrations and impacts and still produce high quality images. The device is also equipped with SecuGen's Auto-On and Smart Capture technologies that not only promise an intelligent mode of operation but also a high amount of reliability for error free results. The Smart Capture technology captures fingerprint images in less than 0.5 seconds which can be used in tandem with SecuGen's algorithms for fast verification, authentication and identification applications. The module also features multi-device connections and bulk mode transfers due to the USB interface.

APPLICATIONS

Verify or identify user
Manage user database
Interface with PC

KEY FEATURES

Durable
Accurate
Maintenance-free
Cost-effective

TECHNICAL SPECIFICATIONS

Supply Voltage	4.75 - 5.25 V
Communication Interface	USB 1.1 Full-Speed, USB 2.0 Hi-Speed
Fingerprint Capture Time	0.2 - 0.5 sec with Smart Capture™
Supported Fingerprint Templates	SecuGen Proprietary, INCITS 378-2004, ISO/IEC 19794-2, and third party templates
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 Gray Scale	256 levels (8-bit)
Light Source / Typical Lifetime	LED / 60,000 hours
Dimensions	21 x 32 x 60 mm
Operating Temperature	- 20° - 65°C
Operating Humidity	90% or less RH noncondensing
Other Features	Auto-On™, Smart Capture™
Water Resistance	N/A
Compliance	FCC, CE, RoHS

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LINKS



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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.