

# BAYOMETRIC

## SecuGen SDU04P

### USB FINGERPRINT MODULE



#### PRODUCT DESCRIPTION

The SecuGen SDU04P is an FBI certified OEM grade fingerprint module that can be used for applications such as authentication, verification and identification that require FIPS 201/PIV certified fingerprint modules. The SecuGen SDU04P uses advanced optical technology to scan fingerprints even in the most challenging conditions. The module is equipped with the Smart-Capture feature which alters source brightness according to ambient lighting and the nature of finger being scanned (wet, dry, scarred or aged). The module is also equipped with SecuGen's Auto-On feature which enables the module to switch to operating mode automatically when a finger is detected. This not only saves power, but also makes the module user friendly and suitable for a number of applications and integration on other devices.

The module supports Plug & Play architecture and has a USB interface capable of working in both USB 1.1 full speed and USB 2.0 high speed configurations. The module produces 508 DPI resolution images with a size of 258 x 336 pixels consistent with FBI standards. The module supports multiple device connectivity and runs on both SecuGen as well as third party algorithms for various applications.

#### 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 ~ 0.8 sec with Smart Capture™
Supported Fingerprint Templates	SecuGen Proprietary, INCITS 378-2004, ISO/IEC 19794-2, and third party templates
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 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

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#### CONTACT

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Web	<a href="http://www.bayometric.co.uk">www.bayometric.co.uk</a>
Address	1743 Park Avenue San Jose, CA 95126

Other Features	Auto-On™, Smart Capture™
Water Resistance	N/A
Compliance	FCC, CE, RoHS, NIST FIPS 201, NIST SP 800-76, FBI Certified (PIV Single Finger)

#### 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



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