

# SecuGen

## iD-USB SC™ iD-USB SC/PIV™

### Fingerprint Scanners

From the world's leading supplier of advanced, optical fingerprint technology...

SecuGen iD Fingerprint Scanners feature the industry's most rugged and accurate optical sensors based on patented SEIR™ technology.



### **SecuGen Provides the Highest Quality in Fingerprint Biometrics at Affordable Prices**

#### **Durable**

With a virtually indestructible sensor prism, the SecuGen sensor is extremely rugged. SecuGen sensors are designed to be strong for dependable and consistent scanning even outdoors and under harsh or high traffic environments.

#### **Accurate**

SecuGen sensors are very accurate thanks to a patented optic design that produces high quality images for greater precision, less false rejections/false acceptances, and better overall performance compared to competing fingerprint sensors.

#### **Maintenance-free**

Unlike semiconductor-based sensors and other optical sensors, SecuGen sensors are made with hardened glass that needs no coatings or special protection. SecuGen sensors resist scratches, ESD, corrosion, and other stresses and can be easily wiped clean without fear of damage.

#### **Cost-effective**

SecuGen designs, develops, and manufactures its own fingerprint sensors that are built to last and deliver solid performance for years, making SecuGen sensors the most cost effective choice.

# Technical Specifications

## iD-USB SC™



## iD-USB SC/PIV™



**FBI Certified**

### Description

Combination fingerprint reader and contact smart card reader

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### Typical Applications

Time & Attendance, Logical & Physical Access Control, Any application requiring multi-factor fingerprint / smart card authentication

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### Fingerprint Reader

#### Optical Sensor

SecuGen SDU03P™

SecuGen SDU04P™

#### Image Resolution / Size

500 DPI / 260 x 300 pixels

508 DPI / 258 x 336 pixels

#### Platen Size / Eff. Sensing Area

16.1 x 18.2 mm / 13.2 x 15.2 mm

16.1 x 18.2 mm / 12.9 x 16.8 mm

#### Light Source / Typical Lifetime

LED / 60,000 hours

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#### Fingerprint Capture Speed

0.2 ~ 0.5 second with Smart Capture

0.2 ~ 0.8 seconds with Smart Capture

#### Supported Biometric Standards

INCITS 378, ISO/IEC 19794-2, 19794-4

INCITS 378, ISO/IEC 19794-2, 19794-4, FIPS 201

#### Auto-On™ & Smart Capture™

Yes

Yes

### General

#### Dimensions (W x L x H)

88 x 140 x 67 mm

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#### Operating Temp. / Humidity

0° ~ 55° C / 10 ~ 90% RH

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#### Interface

USB 1.1 Full-Speed, USB 2.0 Hi-Speed

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#### Supply Voltage

5 V DC (via USB)

5 V DC (via USB)

#### Current Consumption (max)

220 mA

250 mA

#### Warranty

One year limited

One year limited

#### Compliance / Certification

FCC, CE, KCC, RoHS

FCC, CE, KCC, RoHS / FBI PIV Single Finger, GSA

#### Supported Operating Systems

Windows 10, 8.1, 8, 7

Windows 10, 8.1, 8, 7

Windows Server 2012, 2008 R2

Windows Server 2012, 2008 R2

Android 3.1+, Linux

Android 3.1+, Linux

### Smart Card Features

#### Smart Card Reader

HID OMNIKEY® 3121

HID OMNIKEY® 3121

#### Smart Card Standards

ISO 7816, EMV2 2000 Level 1

ISO 7816, EMV2 2000 Level 1

#### Card Size

ID-1 (full size)

ID-1 (full size)

#### Smart Card Clock Freq

Up to 8MHz

Up to 8MHz

#### Supported Card Types

5V, 3V, 1.8V, ISO 7816 Class A, AB, C  
PC/SC driver (ready for 2.01), CT-API,  
Synchronous-API, OCF

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# SecuGen

Open the World with Your Fingertip!®

Founded in 1998, SecuGen is a leading provider of advanced optical fingerprint recognition technology for physical and information security. Our high quality biometric sensors have been used all around the world in diverse areas such as finance, health care, law enforcement, education, retail, manufacturing, and government at all levels.

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