

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

LED / 60,000 hours

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

0° ~ 55° C / 10 ~ 90% RH

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 11, 10

Windows 11, 10

Windows Server 2022, 2019, 2016, 2012, 2008 R2

Windows Server 2022, 2019, 2016, 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