OptiMouse Plus | Identificación y Autentificación

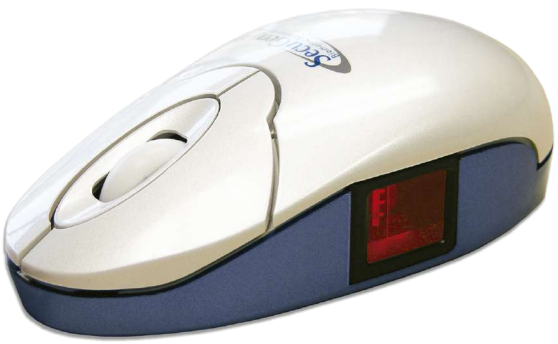
SecuGen

OptiMouse™ Plus

OptiMouse Plus features the industry's most accurate, rugged, and affordable USB fingerprint sensor using patented SEIR™ technology to give you the highest quality in fingerprint biometrics.

Features

- Optical mouse tracking and embedded optical fingerprint sensor
- Accurate, patented sensor technology with 500 DPI resolution
- Smart Capture™ works with dry, moist, aged, scarred, and difficult-to-scan fingers
- Scratch, impact, corrosion, and electrostatic shock resistant glass platen
- Programmable buttons and scroll wheel
- Ergonomic design for consistent placement of fingerprint
- Supports SecuGen, MINEX Certified, and third party algorithms
- Supports international and U.S. biometric standards



Benefits

- Improved security with convenience and reduced password reset requests because fingerprints act like digital passwords that cannot be lost, forgotten or stolen
- Improved accountability by allowing users to quickly and easily prove their identities with their fingerprints
- Reliable and consistent performance for an ever-increasing number of applications designed for mobile, desktop, network, enterprise, and Internet environments

The Highest Quality in Fingerprint Biometrics at Affordable Prices

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.

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.

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.

Typical Applications

- Mobile, PC, or network security
- Bank and financial systems
- Medical information systems
- Labor and attendance tracking
- Any password-based application

Free SDKs

With a variety of free Software Development Kits to choose from, SecuGen readers are easy to integrate into almost any kind of application.

Request a free SDK at **www.secugen.com** today!

Specifications

Product Name	OptiMouse Plus
Model	MSDU03P
Fingerprint Sensor	SDU03P
Image Resolution	500 DPI
Image Size	260 x 300 pixels
Platen Size	14.6 mm x 17.9 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
Smart Capture Speed	0.2 ~ 0.5 second with Smart Capture
Biometric Standards	INCITS 378, ISO/IEC 19794-2, 9794-4
Dimensions	63 x 120 x 39 mm
Weight	170 g
Cable Length	1400 mm
Operating Temperature	-10° ~ 50° C
Operating Humidity	90% or less RH, noncondensing
USB Interface	USB 1.1 Full-Speed, USB 2.0 Hi-Speed
Supply Voltage	5 V DC (via USB)
Max Consumption	180 mA
Compliance	FCC, CE, KCC, RoHS
Warranty	One year limited
Supported OS	Windows 10, 8.1, 8, 7 Windows Server 2012, 2008 R2 Java

What's Inside?

At the heart of the OptiMouse Plus is SecuGen's next-generation fingerprint sensor with advanced features including:

Auto-On™ automatically detects the presence of a finger when placed on the reader for quick and easy authentication

Smart Capture™ captures high quality fingerprints from dry, moist, aged, scarred and difficult-to-scan fingers for greater accuracy and reliability

High durability and ruggedness with proven resistance to electrostatic shock, impact, drops, scratches, extreme temperatures, humidity, and contaminants such as sweat, dirt, and oil

Patented optical technologies for clear, accurate imaging with high contrast, high signal-to-noise ratio, and low distortion

Reliable performance even under challenging conditions and tough environments

Rejection of false fingerprints such as latent prints and 2-D images

Fingerprint data protection with templates that cannot be used to reconstruct fingerprint images

Greater sensor-to-sensor consistency for high accuracy when matching fingerprints enrolled with different fingerprint readers at different locations

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