

BAYOMETRIC

The Biometric Solution Provider

Secugen Hamster IV Fingerprint Scanner



Secugen Hamster IV FIPS 201 / PIV USB fingerprint reader (HF04) is made with the industry's most rugged and advanced optical sensor using patented SEIR™ technology to give you the highest quality in fingerprint biometrics.

Secugen Hamster IV FIPS 201 / PIV USB fingerprint scanner (HF04) is an ideal reader for most fingerprint security systems.

FBI Certified "PIV Single Finger Capture Device"

High-quality, rugged, maintenance-free optical fingerprint sensor with ultra-high 1200+ DPI native resolution (500 DPI effective resolution)

Auto-On automatically turns on sensor when it detects a finger

Hardened fingerprint contact area that's resistant to scratches, impact, corrosion and electrostatic discharge (ESD)

Removable, weighted stand

Specifications

Dimensions (W x L x H): 27 x 40 x 73 mm (without stand)

Weight: 100 g (without stand)

Operating Temperature: 0 to 40 C

Operating Humidity: < 90% RH, noncondensing

Cable Length: 1800 mm

Certification: FCC, CE, RoHS

Sensor: Optical FDU03FRS

Image Resolution: 500 DPI + 0.2 %

Image Size: 260 x 300 pixels

Platen Size: 16.1 mm x 18.2 mm

Effective Sensing Area: 12.7 mm x 14.9 mm

Image Grayscale: 256 shades (8-bit gray level)

Image Type: Non-lossy

Distortion (nonlinear): < 0.1 %

Sensing Prism Hardness 750 Hk (6.8 Mohs)

Light Source: Red LED

Lifetime (typical): 60,000 hours

Ambient Light Tolerance: 5,000 Lux

Power Supply via USB connection

Operating Voltage: 5 V + 5 %

Power Consumption (max): 450 mW

Max. Current: 99 mA

ESD Tolerance: > + 15 kV

Interface: USB 2.0

Communication Speed (max): 12 Mbps

Image Capture Speed (continuous): 0.1 sec

Image Capture Speed (snapshot): 0.2 sec

Latent Fingerprint Check Delay: 0.01 sec

SALIENT FEATURES

1 year warranty

FBI Certified

FIPS 201/PIV 071006

Auto-On function

Hardened contact area

CLIENT REVIEW

"We are pleased that SecuGen's FIPS 201 certified scanners have been verified to run on the military-grade, multi-level, security features of Solaris 10 Trusted Extensions and support the delivery of large-scale biometric authentication solutions on SPARC and x86/x64 based server platforms." - Ron

Melanson, Sun Microsystems - USA

For more information on any of our products or services please visit us on the Web at:

www.bayometric.com

BAYOMETRIC

USA

Bayometric
1743 Park Avenue,
San Jose,
CA 95126
Phone: +1 877-91-SECURE
Web: www.bayometric.com

India

Bayometric
17 Anand Bhavan, #307
Princess Street
Mumbai 400 002,
Phone: +91-9820506362
Web: www.bayometric.com