

Hamster Pro 20

USB Fingerprint Scanner



Description

The SecuGen Hamster Pro 20 is one of the industry's most accurate, rugged, and affordable USB fingerprint readers. The Hamster Pro 20 is FBI Certified and meets FIPS 201 (PIV) and FAP 20 Mobile ID requirements. Featuring a low-profile, IP65 rated dust- and water-resistant design, the Hamster Pro 20 is built with the industry's most rugged and advanced optical sensor using patented and patent-pending fingerprint technology.

The Hamster Pro 20 also features Auto-On (Automatic Finger Placement Detection) technology that automatically checks for the presence of a finger. When used with Auto-On compatible software, the Hamster Pro 20 will turn on and scan your finger as soon as you touch the sensor - all without having to prompt the system.



Features and Benefits

- FBI Certified PIV Single Finger Capture Device and Mobile ID FAP 20 Compliant
- Improved security with convenience and reduced password reset requests
- Backed by the industry's best quality guarantee
- Listed on FSA FIPS 201 Approved Products List
- High-performance, maintenance-free optical fingerprint sensor
- Sensor resistant to scratches, impact, vibration and electrostatic shock
- Auto-On™ (Automatic Finger Placement Detection)
- Smart Capture™ (Automatic Image Adjustment to accommodate moist & dry fingers)
- USB Connection
- Ultra-compact, lightweight and portable
- Integrated finger guide
- Readily accessible for any finger

Target Applications

- Computer, network, or internet security
- Banking and financial systems
- Medical information systems
- Labor and attendance tracking
- Any password-based application

For any biometric scanner to capture and/or match, biometric software is mandatory - and does not ship with the scanner. Please contact sales@fulcrumbiometrics.com or call +1 (210) 257-5615 #1 to ensure you are compiling the best solution for your needs.

www.fulcrumbiometrics.com

Technical Specifications

Physical	Dimensions (W x L x H): 53.9 x 58.5 x 31.6 mm Weight: 98 g Cable Length: 1500 mm Operating Temperature: -20°C ~ 65°C Operating Humidity: 90% or less RH, noncondensing
Fingerprint Sensor	Optic Module: U20 Image Resolution: 500 DPI Image Size: 300 x 400 pixels Platen Size: 18.2 mm x 22.9 mm Effective Sensing Area: 15.24 mm x 20.32 mm Image Grayscale: 256 levels (8-bit) Light Source/Typical Lifetime: LED/60,000 hours Fingerprint Capture Speed: 0.2~0.5 sec with Smart Capture
PC Requirements	Windows 10, 8.1, 8, 7, Vista, Windows Server 2012, 2008 R2, 2003 Android (HSDU04P only), Java, Linux
Certifications	FCC, CE, RoHS, FIPS 201 (HSPD-12), STQC
Standards/Compliance	FBI PIV-071006 & Mobile ID FAP 20, INCITS 378, BioAPI, ISO/IEC 19794-2, ISO/IEC 19794-4
Compatibility	<u>Fulcrum Biometric Framework (FbF®)</u> , VeriFinger SDK, MegaMatcher SDK

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