

Hamster Air is an accurate and affordable touchless USB fingerprint reader that gives you a safe, contactless experience so you can quickly authenticate without touching anything but the air.

Key Features

- **Touchless 500 DPI fingerprint scanning** technology for safe and clean fingerprint reading without having to contact any surface
- **Auto-On™** automatic finger detection for fast touch-free authentication
- **Smart Capture™** self-adjusting scanning for accurate recognition of challenging and difficult fingerprints that may be dry, moist, aged, or scarred
- **Device Recognition™** device authentication for increased security and chain of trust
- **Fingerprint data protection** when used with templates that cannot be used to reconstruct fingerprint images

Benefits

- **Safe and hygienic** making it ideal for high-traffic, multiple-user environments where users prefer not to touch surfaces
- **Improved security with convenience** to allow fingerprints to act like digital passwords that cannot be lost, forgotten or stolen
- **Improved accountability** to quickly and easily prove user identities with their unique fingerprints

Free SDKs

Want to integrate Hamster Air with your application? We offer a variety of free, full-featured Software Development Kits to choose from. Request a free download from our website today!



Touchless

Safe

Fast

Accurate

Affordable

Technical Specifications

Model / Sensor (Type)	HU-AIR / U-AIR (contactless)
Image Resolution	500 DPI
Image Size	500 x 700 pixels
Effective Sensing Area	24.5 mm x 35.6 mm
Image Gray Scale	256 levels (8-bit)
Light Source	LED
Smart Capture Speed	0.1 ~ 0.5 seconds
Features*	Auto-On, Smart Capture, Device Recognition
Biometric Standards	INCITS 378, ISO/IEC 19794-2, 19794-4, NIST MINEX
Dimensions / Weight	72.3 mm x 54.8 mm x 81.9 mm / 125 g
Cable Length	1500 mm
USB Interface	2.0 Hi-Speed
Supply Voltage / Current	5 V DC (via USB) / 220 mA (max)
Operating Temperature	-20°C to 65°C
Operating Humidity	90% or less RH, noncondensing
Compliance	FCC, CE, KC, RoHS3
Warranty	One year limited
Supported OS	Windows 11 / 10, Windows Server 2022 / 2019 / 2016 / 2012, Android 8.1+, Linux

*SecuGen SDK required to enable these features

Founded in 1998 with a focus on quality and affordability

SecuGen is a leading provider of advanced optical fingerprint recognition technology for physical and information security. Our high quality biometric products 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

Open the World with Your Fingertip!®