









Secugen Unity 20 Bluetooth Fingerprint Scanner

Sleek, Wireless & Programmable
Bluetooth Fingerprint Reader



Features

-  FBI Certified (PIV, FIPS 201, Mobile ID FAP 20 Compliant)
-  Auto-On™ – automatic finger detection technology
-  Ultra-compact, lightweight and portable
-  Rechargeable lithium-ion battery and micro USB cable for charging
-  Dual direction finger guide: for self-use or to scan other users
-  Readily accessible for any finger
- Fast and accurate verification
-  Latent print image removal (does not accept prints left behind)
-  Encryption of fingerprint templates

Secugen Unity 20 Bluetooth fingerprint scanner is designed and fabricated to work on the go. The optical fingerprint sensor can scan, enroll, and authenticate users by establishing Bluetooth connectivity with any iOS or Android device. You can easily fit this compact, rugged and sleek device into your pocket scan fingerprints from both directions.



WORKS ON THE GO

Bluetooth technology enables to connect with any iOS or Android device to scan, enroll, and authenticate fingerprints without any type of cable or OTG adaptors.



POWERFUL SENSOR

The high-performance optical sensor is maintenance-free and resistant to scratches, impact, vibration, and electrostatic shock.



SMART CAPTURE

Performs high-quality fingerprint scanning of difficult fingers (dry, wet, scarred) in challenging circumstances like dusty environment or direct sunlight.

Benefits

- Quick installation and easy to use with always ready mode
- Supports Windows, Android, and iOS
- Suitable to work in extreme environments
- Ensures utmost security to work with any desktop, mobile or web application



- Maximum accuracy reduces the risk of security breaches
- Easily programmable for expanded purpose of work
- The wireless device provides flexibility to work on the go
- Charging and connectivity indicator for ease of use
- Best warranty coverage of the industry

Technical Specifications

Category	Specifications
Model	HU20-ASF-BT
Fingerprint Sensor / Module	U20-A / U20-ASF-BT
User Capacity	Up to 700 users (1,400 templates) (1:1 and 1:N)
Image Resolution	500 DPI
Image Size	300 x 400 pixels
Platen Size	18.2 mm x 22.9 mm
Sensing Area	15.2 mm x 20.3 mm
Image Gray Scale	256 levels (8-bit)
Light Source	LED
Smart Capture Speed	0.2 ~ 0.5 seconds
Biometric Standards/Specs	INCITS 378, ISO/IEC 19794-2, ISO/IEC 19794-4, FIPS 201, FBI (PIV, Mobile ID FAP 20), NIST MINEX, WSQ

Technical Specifications

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Dimensions	45.2 mm x 103.3 mm x 36.7 mm
Weight	90 g
Bluetooth	Class 2 Module Dual-mode Bluetooth / Low Energy (BLE) radio Fully qualified Bluetooth 4.0 Supports 802.11 coexistence
Battery	Rated Capacity: 1000 mAh Internal Resistance: ≤ 70 m Ω Voltage: 4.2 V (charged), 2.75 V (discharge cut-off)
USB Interface	For charging
Temperature	Operating: -10°C ~ 60°C Charging: 10°C ~ 45°C
Operating Humidity	90% or less RH, noncondensing
Supply Voltage	Built-in battery or 5V DC (via USB)
Current Consumption	200 mA (max, operating) 500 mA (max, charging & operating)
Compliance	FCC, CE, KC, RoHS, WHQL
Warranty	One year limited
Supported Operating Systems	Windows 11 / 10 / 8.1 / 8 / 7, Windows Server 2016 / 2012 / 2008 R2, Android 3.1 and above, Apple iOS, Linux

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