

BAYOMETRIC

Crossmatch Verifier 320

TWO FINGER FLATS AND ROLLED SCANNER



PRODUCT DESCRIPTION

The Crossmatch Verifier 320 is a dual fingerprint scanner capable of providing forensic quality fingerprint images. Verifier 320 is capable of providing dual finger flat and single finger roll images that are compliant with FBI standards. The scanner is FBI appendix F certified and can be used for government applications such as border and port control, homeland security, banking and other applications such as finance, healthcare and critical infrastructure.

Verifier 320 uses an active platen technology that not only has a great scanning area, it also uses IR filters to eliminate ambient lighting related issues. The platen also has a raised border to enable natural finger positioning to obtain best results. The scanner also features a lightweight and compact build, along with an ergonomic design to enhance user convenience.

Verifier 320 is FBI appendix F, PIV, RoHS, FCC, CE and UL certified. It is compatible with platforms working on Windows OS and can be easily integrated using its USB 2.0 interface. The scanner is designed to be highly durable and can be used continuously for five years under normal operating conditions.

APPLICATIONS

- Border and port security
- Correctional facilities
- Critical infrastructure
- Finance
- Healthcare
- Homeland security
- Identity protection
- Law enforcement and court systems
- Transportation

KEY FEATURES

- Fastest dual-finger scanner
- Captures flat and rolled fingers
- Large active platen area
- High-contrast viewing area
- I/R filter to improve ambient light rejection
- Low maintenance requirements

TECHNICAL SPECIFICATIONS

Main processor resolution	500 ppi \pm 1%
Dimensions (h x l x w)	2.6" x 6.8" x 3.8" (66 mm x 173 mm x 97 mm)
Weight	1.4 lbs (620 g)
Certification	Appendix F Specification FCC, CE, UL, RoHS
Image capture size	1.6" x 1.5" (40.6mm x 38.1mm)
Power	Supplied through the USB 2.0 interface (500 mA @5V)
Interface	Universal Serial Bus (USB 2.0 HS)
Humidity range	10-90% non-condensing, splash-resistant
Operating temperature range	35°F to 113°F (2°C to 45°C)
Scanner dynamic range	8 bit, max. 256 grayscale
Mean time between failure (MTBF)	45,000 hours (5 years continuous use under normal operating conditions)
Operating systems	Windows® XP and Vista, 32-bit; Windows 7 and 8, 32 and 64-bit; Windows® XP and Vista, 32-bit; Windows 7 and 8, 32 and 64-bit;
PC requirements	2 GHz or higher Pentium® IV Compatible CPU

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CONTACT

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RAM	1 GB RAM (suggested), 512 MB RAM (minimum)
Disk space	50 MB of available disk space
Interface	USB 2.0 HS compliant ports or USB 2.0 PCI/PCMCIA Card
SDK	L Scan Essentials 5.5 or higher.

ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.

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