

PRODUCTS

Verifier[®] 320 LC

Two Finger Scanner for Flats and Rolled Prints



Application Environments:

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

The Cross Match[®] Verifier 320 LC is a unique forensic-quality two fingerprint capture device. The scanner delivers fast, accurate and reliable results for identification, verification and enrollment programs. Compared to a single-finger scan, a Verifier 320 LC image provides enhanced accuracy for identification and verification purposes – while reducing the time necessary to obtain a full enrollment.

The scalable system responds to increased demand for quick and

accurate fingerprint capture and Rapid ID, making it an excellent choice for low and high volume deployments.

For added flexibility, the system can be coupled with the Cross Match Enterprise Matching Server, which enables rapid fingerprint verification. Available with USB 2.0 connectivity, large active platen and enhanced ambient light rejection, the compact scanner is ready for integration into most biometrically-enabled security installations.

Verifier® 320 LC

Functions

- Auto Capture™ of flat and rolled fingers
- Two flat fingers capture simultaneously

Specifications

Resolution: 500 ppi ± 1%

Capture Speed:

Very fast capture speed due to high frame rate (15fps)

Linearity and Rectilinearity:

Less than one pixel (average)

Image Area: 1.6" x 1.5"
(40.6 mm x 38.1 mm)

Interface: Universal Serial Bus
(USB 2.0 HS)

Power: Supplied through the USB 2.0 interface (500 mA @ 5V)

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)

Scanner Dynamic Range:

8 bit, max. 256 greyscale

Mean time between failure (MTBF):

45,000 hours (5 years continuous use under normal operating conditions)

Operating Temperature Range:

35°F to 104°F (2°C to 40°C)

Humidity Range: 10-90% non-condensing, splash-resistant

Certifications

- FBI Appendix F and PIV
- FBI certified for use with or without Cross Match's patented silicone membrane technology
- FCC, CE, UL, RoHS

System Requirements*

- Operating Systems: Windows® XP (SP2), Windows® Vista, Windows® 7
- 2 GHz CPU minimum
- 512 MB RAM minimum
- 50 MB of available disk space
- USB 2.0 HS compliant ports or USB 2.0 PCI/PCMCIA Card
- SDK: L SCAN® Essentials 5.5 or higher



Auto Capture of two flat fingers simultaneously



Consistent forensic-quality flat and rolled fingerprints

System Components

- Scanner block
- USB interface cable integrated 6 ft (1.8 m) cable
- L SCAN Essentials software
- Silicone membrane to enhance biometric data capture from dry fingers
- Mounting bracket (optional)

** Please contact our sales representatives for detailed hardware recommendations*

Benefits

- Fastest dual-finger scanner on the market
- Consistent forensic-quality flat and rolled fingerprints
- Auto Capture™ of flat and rolled fingers
- Large active platen area
- Raised platen border for natural finger positioning
- Under-cut lip for easy hand access
- Silicone membrane to enhance biometric data capture from dry fingers
- I/R filter to improve ambient light rejection
- Improved optical system to capture high-quality fingerprints from stained, marked or dark fingers
- FBI Appendix F certified
- Low maintenance requirements

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