

PRODUCTS

Verifier[®] 320 LC

Two Finger Scanner for Flats and Rolled Prints



Advantages:

- Fastest dual-finger scanner on the market
- Auto captures two flat fingers simultaneously
- Consistent forensic-quality flat and rolled fingerprints
- FBI Appendix F certified

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

Specifications

Functions:

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

Resolution

500 ppi ± 1%

Capture Speed

15 frames per second (fps)

Linearity and Rectilinearity

Less than one pixel (average)

Certification

Appendix F Specification
FCC, CE, UL, RoHS

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)

Operating Temperature Range

35°F to 100°F (2°C to 38°C)

Humidity Range

10-90% non-condensing, splash-resistant

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 grayscale

Mean time between failure (MTBF)

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

System Requirements:

- Operating Systems:
Windows XP Professional SP2,
Windows Vista 32
- 2 GHz or higher Pentium IV
Compatible CPU
- 1 GB RAM
- 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

System Components:

- Scanner block
- USB interface cable integrated 6 ft.
(1.8 m) cable
- L SCAN Essentials software
- Silicone membrane kit
- Mounting bracket (optional)

Benefits:

- Captures flat and rolled fingers
- Auto capture of two flat fingers
simultaneously
- Large active platen area
- Raised platen border for natural
finger positioning
- Under-cut lip for easy hand access
- High-contrast viewing area
- I/R filter to improve ambient light
rejection
- Improved optical system to capture
high-quality fingerprints from stained,
marked or dark fingers
- Low maintenance requirements
- Sequence checking via software SDK

Application Environments:

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



Above: Auto captures two flat fingers simultaneously

Below: Consistent forensic-quality flat and rolled fingerprints



Corporate Headquarters:

Cross Match Technologies, Inc.
3950 RCA Boulevard, Suite 5001
Palm Beach Gardens, FL 33410, USA
sales@crossmatch.com
customercare@crossmatch.com
www.crossmatch.com

German Operations:

Cross Match Technologies GmbH
Unstrutweg 4
07743 Jena, Germany
international-sales@crossmatch.com
(Sales EMEA, Asia & Pacific)

Business Partner and System Integrator:

Media Technology Solution
Taman Harapan Baru Blok E5 No. 4 Bekasi - Indonesia
info@mtesolution.com
T: +62 21 8037 3834, 99652368 F: +62 21 8897 4589
www.mtesolution.com

Protecting People, Property and Privacy