

## PRODUCTS

# Verifier<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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*



*Protecting People, Property and Privacy*