

Verifier[®] 300 LC 2.0

Single Finger Scanner with USB 2.0 Interface



The Cross Match[®] Verifier 300 LC (Lexan Case) 2.0 is a single fingerprint capture device that delivers accurate and reliable results for identification, verification, and registration programs. Verifier products have been deployed in customer applications around the world in a wide array of projects including child ID programs, physical access control projects, border and port entry/exit control, and national ID and registration programs.

The Verifier 300 LC 2.0 is available with universal serial bus (USB 2.0) connectivity and the unit's small size is easily integrated into existing applications. A kiosk-ready version is available to simplify integration.

The Verifier 300 LC 2.0 provides high-quality images of a fingerprint while maintaining sub-pixel geometric accuracy. The unit is rugged, and built with a lightweight, polycarbonate lexan case.

Verifier[®] 300 LC 2.0

The Cross Match[®] Verifier product line is known for superior image quality, durability, and low maintenance requirements. Verifiers are ideal for demanding applications, border and port control, hospital patient record verification, correctional facility access control and desktop enrollments.

Verifier 300 LC 2.0 Enhancements

- Faster frame rate (seven frames per second) than USB 1.0 scanners
- SDK — several new calls allow programmer to slow image streaming to accommodate older computers
- Programmers Note: Existing applications compiled using version 3.0 of the USB SDK .lib file will need to be relinked with the new .lib file provided in version 4.0 of the USB SDK. Programmers whose applications were compiled using dynamic linking to our DLL will not need to relink.

Verifier 300 LC Features

- Generous platen area (1.2" x 1.2")
- High Contrast (ANSI-NIST compliant)
- USB connection eliminates the need for an Image Capture Board
- Lightweight (1lb) (.45 kg)
- Available with integrated USB cable
- Low maintenance requirements

- Durable and portable
- Consistent forensic-quality flat fingerprint images
- Improved illumination can capture forensic-quality fingerprints from stained, marked or dark fingers
- Patented aspherical lenses
- I/R filter to improve ambient light rejection
- Ratings: FCC, UL, CE

Verifier 300 LC SDK Features

- Fully featured, including auto capture
- Adjustable brightness, contrast and gain
- 7 frames/sec image capture
- Compatible with single finger verifier systems

System Requirements

- *One of the following Operating Systems:*
Windows XP Professional SP2
Windows 2000 Professional SP4
- USB SDK V 4.0 or later
- 1 GHz or higher Pentium IV compatible CPU
- 256 MB RAM
- 50 MB of available disk space
- USB 2.0 compliant ports or USB 2.0 PCI/PCMCIA card

Specifications

Resolution

500 ppi ± 1%

Linearity and Rectilinearity

Less than one pixel (average)

Platen Area

1.2" x 1.2" (30.5 mm x 30.5 mm)

Output (Digital)

Universal Serial Bus (USB 2.0)

Power (Digital)

5 V DC (supplied by PC)

Operating Temperature Range

0°F to 104°F (-18°C to 40°C)

Humidity Range

10-90% non-condensing, splash-resistant

Weight

1 pound (.45 kg)

Dimensions (H x L x W)

2.45" x 6.38" x 3.25"
(62 mm x 162 mm x 83 mm)