



## Verifier™ 300 LC 2.0

Single Finger Scanner  
with USB 2.0 Interface

The 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. Cross Match's Verifier products have been deployed in more than 5,000 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.

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

**CARDNETIC VERIFIER 300 LC 2.0**

Cardnetic Verifier product line is known for superior image quality, consistency from device to device, durability, and low maintenance. Verifiers are ideal for desktop enrollments, software testing and evaluation environments, and demanding applications such as: school time and attendance, hospital patient record verification, border and port control and correctional facility access control. These readers will provide the highest forensic quality images and years of trouble-free reliability.



- Fast frame rate - 7 frames/second
- I/R filter to improve ambient light rejection
- Programmers Note: Existing applications compiled using version 3.0 of the USB SDK .lib file will need to be re-linked 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 re-link.

- Generous platen area (1.2" x 1.2")
- High Contrast (ANSI-NIST compliant)
- Available with integrated USB cable
- Low maintenance
- Rugged, durable & lightweight
- Consistent high-quality forensic flat fingerprint images
- Improved illumination can capture quality fingerprints from stained, marked or dark fingers
- Patented aspherical lenses
- Ratings: FCC, UL, CE

One of the following Operating Systems:

- Windows XP Professional SP2
- Windows 2000 Professional SP4
- Recommended 128MB RAM or higher
- 1 GHz or Higher Pentium IV Compatible CPU
- USB SDK Version 4.0 or later
- Minimum 10MB available disk space for SDK installation
- Direct connection to USB 2.0 compliant ports

- For PCs with USB 1.1 ports only, connect via PCI Card (CMT P/N 420233-10) for desktops or PCMCIA Card (CMT P/N 420232-10) for laptops

**Resolution**

500 DPI  $\pm$  1%

**Modulation Transfer Function**

50% at 10 cycles per millimeter at finger platen

**Linearity and Rectilinearity**

Less than one pixel (average)

**Illumination Uniformity**

Less than 50% variation center to corners

**Platen Size**

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)

**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)