



**CROSS MATCH**

## Verifier™ 300 LC

Single Finger Scanner with USB Interface

**CROSS MATCH**  
 Technologies Inc.®

**C**ross Match Technologies' Verifier 300 LC (Lexan Case) 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 entry/exit control and national ID and registration programs.

The Verifier 300 LC is available with universal serial bus (USB) 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 provides high quality images of a fingerprint while maintaining sub-pixel geometric accuracy. The unit is ruggedly built with a lightweight, polycarbonate lexan case.

**CROSS MATCH VERIFIER 300 LC**

The Cross Match Verifier product line is known for superior image quality, consistency from device to device, durability, and low maintenance requirements. 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 control and correctional facility access control. These readers will provide the highest forensic quality images and years of trouble-free reliability.



*Verifier 300 LC Kiosk version*

**Verifier 300 LC Benefits**

- Available with integrated USB cable
- Low maintenance requirements
- Rugged, durable & portable (1 lb)
- Consistent high-quality forensic flat fingerprint images
- Improved illumination can capture quality fingerprints from stained, marked or dark fingers

**About Cross Match Technologies, Inc.**

Cross Match Technologies is an industry leader in the development of a complete line of forensic-quality fingerprint and palm print readers for state, federal, commercial, aviation and international organizations to prevent infiltration, crime and terrorism. Cross Match currently offers the most comprehensive line of biometric products in the industry supported by superior customer service. Cross Match has customers in 40 countries and is responsible for fingerprinting over 20 million people worldwide. Cross Match has sold over 5000 customer applications and holds or has pending more than 70 patents.

**Verifier 300 LC Features**

- Generous platen area (1.2" x 1.2")
- High Contrast (ANSI-NIST compliant)
- The USB connection eliminates the need for an Image-Capture Board
- Light weight (1lb) (.45 kg)
- Patented aspherical lenses
- Ratings: FCC, UL, CE

**System Requirements**

One of the following Operating Systems:

- Windows XP Professional (w/ Svc. Pack 1 and USB SDK V 2.000 or later)
- Windows 2000 Professional
- Windows ME
- Windows 98 SE
- Windows 98
- Windows 95 OSR 2.1 (4.03.1212 – limited technical support)
- 133 MHz or Higher Pentium-Compatible CPU
- 32 MB Ram
- 10 MB of Available Space
- USB 1.0 Compliant Port (USB 2.0 Compliant Ports w/ USB SDK V 2.000 or later)

**Specifications**

**Resolution**

500 DPI ± 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

**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)



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