

PRODUCTS

Verifier® E

"Smart" Scanner using built-in intelligence for image quality, performance and Ethernet transfer technology



Application Environments

- Network Access Control
- Border Control
- Frequent Traveler Programs
- Visa Programs
- Jail System Access Control
- Driver's License Projects
- Social Service Projects

The Cross Match® Verifier E is unlike any other product available today. It's a "smart" scanner using the latest technology in fingerprint readers with built-in intelligence for image quality and performance. An embedded algorithm counts and analyzes minutiae ridges to ensure that only a high quality print is captured every time.

The Verifier E has an online capability connecting to existing Ethernet networks and is viewable through any web browser or custom application

using standard TCP/IP protocol. The Ethernet connection makes the Verifier E faster and easier to integrate into high volume enrollment, identification and verification projects. The universal Ethernet connection also saves organizations significant capital and operational expenses since many Verifier E scanners can be connected to just one computer – unlike USB scanners, which require one computer to one scanner. A Verifier E Web Center enables you to configure the scanner by simply using your browser.

Verifier[®] E

The Verifier E's unique features make it a versatile device that can be used in a number of ways. For example, the Verifier E has an external serial port connection, which enables users to connect other peripheral devices such as magnetic card readers for one-to-one matching against an identification card and LCD displays to enhance the user interface. The product also has finger detection—a feature that detects when a new finger is present and automatically captures the print in a fraction of a second. The unit comes equipped with a prism warmer to help prevent halo effects caused by temperature differences between the prism and finger.

Cross Match prides itself on being a leader in the forensic-quality fingerprint scanner marketplace. Cross Match is known for superior image quality, consistency from device to device, durability, low maintenance requirements and compliance with requirements from the Federal Bureau of Investigation and National Institute of Standards and Technology.

Benefits

- Built-in intelligence ensures a quality print every time
- Ethernet connection allows for fast results, seamless integration and cost savings
- Unique features promote versatility and ease of use
- Can be easily added to an existing Ethernet system

Features

- Generous platen area
- Ethernet operation
- Finger detect
- Heated prism
- Smart fingerprint recognition
- Web browser interface
- ANSI-NIST compliant
- Rugged, durable & portable
- Consistent high-quality forensic flat finger images
- Low maintenance requirements
- Patented aspherical lenses



Specifications

Dimensions

Height: 2.45", Width: 3.25", Length: 6.38"
(62 mm x 83 mm x 162 mm)

Weight

9 lbs (.41 kg)

Scanner

Platen Area: 1.2" x 1.2"
Gray Scale: 256 levels of gray
Resolution: 500 dpi +/- 5 pixels
in X and Y axis
Linearity: < 1 pixel (average)

Image Types

BMP, PNG

Electrical

Voltage: 12 -15 VDC

Communication

Ethernet 10/100 BASE-T

Environment

Temp. Range:
0°F to 122°F (-18°C to 50° C)

Humidity

10-90% non-condensing,
splash-resistant

Regulatory

FCC, UL, CE

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Protecting People, Property and Privacy