

PRODUCTS

Verifier[®] Mw

Mobile Wireless Fingerprint Scanner



Send images or exact standards-based templates for transmission to remote databases.

Rapid in-field identification and verification using wireless connectivity.

Cross Match[®] Verifier Mw enhances mobile identification programs for military and law enforcement agencies that need to determine subjects' identities in the field. Using proven fingerprint capture technology, the compact handheld system provides ready access to vital data in challenging environments, such as crime scenes, national border control and military operations. With Verifier Mw, agencies

can enhance personal and public safety through immediate identity verification in remote locations.

Wireless technology liberates officers and military personnel to capture forensic-quality biometric data for comparison against stored watch lists or databases. Federal, state or local Automated Fingerprint Identification Systems (AFIS) are now accessible anywhere — saving officers' time and helping them preserve safety through immediate action. Verifier Mw is the ideal solution to enable officers to minimize time obtaining information, while maximizing time spent in their communities.

Verifier[®] Mw

Features and Benefits

- Durable, handheld fingerprint data capture system, optimized for single-hand operation
- Integrated TFT color LCD graphic display for clear and crisp color images
 - 65,000 colors, 176 x 132 (1.5" diag.) display
 - Usable indoors or outdoors
- Push button controls and indicators for: power; fingerprint storage; fingerprint sequencing and storage count; data transmission
- Captured images transmitted to AFIS in NIST-compliant format for identity verification
- Downloads stored fingerprints using USB connection or wireless link
- USB connectivity for: stored image transfer; battery charging; uploading information to the system
- Wireless WiFi connectivity options
- Forensic-quality optical system, which meets FIPS 201 (PIV) standards
- Advanced software subsystem enables:
 - Storage and transmission of up to ten fingerprint images
 - Auto capture capability
 - Image quality assessment
- Saves time and provides operator safety
 - Suspects can be easily identified in the field

- Built-in intelligence ensures a consistent high-quality forensic flat fingerprint image every time
- Web browser interface
- Low maintenance requirements

Applications

Verifier Mw is optimized for demanding application environments, including:

- Military rapid identification programs
- State, county, local traffic and highway patrol
- Border and immigration control, federal investigation and special forces
- Crime scene investigations
- Missing children identification programs

System Requirements

The Verifier Mw is a handheld portable fingerprint capture device, designed to provide military and law enforcement agencies with the capability to immediately capture and collect forensic-quality fingerprint images. When coupled with an Automated Fingerprint Identification System (AFIS), it provides instantaneous submission and access to information concerning crucial data that may be needed at a traffic stop, crime scene or interdiction event. If instant submission is not required, fingerprint images can also be captured and stored in the Verifier Mw on-board memory and quickly transferred to a laptop, PC or Mobile Data Terminal (MDT). The high-quality, 500 ppi, digital fingerprint image is transmitted using a USB or wireless (802.11) interface.

It is battery powered, eliminating the need for a separate power supply, making it truly a plug and play device.

The Verifier Mw system information, logs and configuration are viewable through any Web browser or custom application. The wireless LAN connection makes the Verifier Mw faster and easier to integrate into your identification and verification projects.

Specifications

Resolution

500 ppi +/- 2% in X and Y axis

Image/platen area

1.0" x 1.0" (25.4 mm x 25.4 mm)

Output (Digital)

Universal Serial Bus (USB)
Wireless LAN 802.11

Power

Rechargeable Lithium Ion (Li ion) battery 2000 ma hours

Operating Temperature

32°F to 105°F (0°C to 40°C)

Storage Temperature

-10°F to 140°F (-23°C to 60°C)

Humidity range

10-95% non-condensing,
Splash-resistant

Weight

1.4 lbs (0.55 kg)

Dimensions (H x L x W)

1.94" x 8.00" x 1.88"
(50 mm x 203 mm x 48 mm)

Housing

Rugged, glass-filled thermoset plastic,
water resistant

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Protecting People, Property and Privacy