

BAYOMETRIC

Crossmatch Verifier 310

OPTICAL USB 2.0 FINGERPRINT SCANNER



PRODUCT DESCRIPTION

Crossmatch Verifier 310 is the first optical biometric scanner to be approved by FIPS 201 for its ability to capture both single and dual fingerprint images in a single scan. The Verifier 310 is capable of scanning dual fingerprint images and this has a decisive impact in increasing security. Scanning dual fingerprint has higher chances of detecting fraudulent fingerprints and it improves the accuracy of identification and verification results.

One of the biggest advantages of the Verifier 310 is the easy scalability of the scanner. It can be used easily in both low and high volume deployments in any biometric security enabled facility. The scanner can also be combined with the Cross Match enterprise matching server to generate high speed results. The scanner is also compatible with platforms working on Windows operating systems.

Verifier 310 is a compact and lightweight and weighing just 540 grams. The scanner has a wide platen area that can easily accommodate two fingers together. The platen has a raised border for natural finger positioning. It also uses IR technology to eliminate ambient light, condensation and halo effect. Cross Match also provides SDKs to obtain forensic quality flat fingerprint images for identification, enrolment, verification and registration applications.

APPLICATIONS

- Border and port security
- Correctional facilities
- Critical infrastructure
- Banking and finance
- Healthcare
- Transportation

KEY FEATURES

- Compact size
- Lightweight chassis
- Under-cut lip improves ergonomics
- Raised platen border for natural finger positioning
- I/R filter to improve ambient light rejection
- Optional bench or kiosk mounts

TECHNICAL SPECIFICATIONS

Resolution	500 PPI
Linearity and Rectilinearity	Less than one pixel(average)
Platen Area	1.8" x 1.8" (45.7 mm x 45.7 mm)
Hardware	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 USB SDK V 4.4 or later
Operating System	Windows® XP 32-bit, Windows Vista®, Windows 7
Output	USB 2.0
Certification	FBI Personal Identity Verification (PIV) Specification
Power	Supplied through the USB 2.0 interface (500 ma @5V)
Humidity Range	10-90% non-condensing, splash-resistant
Operating Temperature Range	35°F to 100°F (2°C to 38°C)

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LINKS



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Weight	Approx. 1.2 lbs. (0.544 kg)
Dimensions (h x l x w)	2.6" x 6.8" x 3.8" (66 mm x 173 mm x 97 mm)
Ratings	FCC, UL, CE

ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.