

U.are.U® 5300 Reader

FIPS 201/PIV, FAP 30 Certified USB Fingerprint Reader



PRODUCT DESCRIPTION

The Crossmatch™ U.are.U 5300 is a compact optical single fingerprint reader meeting both FIPS 201/PIV and FBI Mobile ID FAP 30 standards. The reader is designed to meet the high volume requirements of large-scale Civil ID and commercial enrollment and authentication applications. Incorporating a durable IP64 rated glass platen that is also highly resistant to chemical and physical damage, the U.are.U 5300 is well suited for harsh environments.

The reader rapidly captures and produces fingerprint images at 500 ppi resolution in ANSI and ISO/IEC standard formats. On-board electronics automatically control calibration and data transfer over the USB interface. The U.are.U 5300 can be used with any standards-compatible fingerprint template extractor or matcher, including the DigitalPersona® FingerJet™ MINEX-certified Biometric Engine. The U.are.U 5300 and the FingerJet Biometric Engine provide an unmatched ability to authenticate even the most difficult fingerprints accurately and rapidly.

APPLICATIONS

Enrollment and authentication for:

- Voter registration
- National ID
- Benefits entitlement
- Micro finance and healthcare
- Network and application access

FEATURES

- FIPS 201/PIV certified
- Mobile ID FAP 30 certified
- 500 ppi images
- Compact size
- Counterfeit finger rejection
- Compatible with U.are.U SDKs

ABOUT CROSSMATCH

Crossmatch helps organizations solve their identity management challenges through biometrics. Our enrollment and authentication solutions are trusted to create, validate and manage identities for a wide range of government, law enforcement, financial institution, retail and commercial applications. Our solutions are designed using proven biometric technologies, flexible enrollment and strong multi-factor authentication software, and deep industry expertise. We offer an experienced professional services capability to assess, design, implement and optimize our identity management solutions for a customer's individual challenges. Our products and solutions are utilized by over 200 million people in more than 80 countries.

Learn more at www.crossmatch.com

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SPECIFICATIONS

Supply Voltage	5.0V ±5%
Supply Current—scanning	< 150 mA (Typical)
Supply Current—idle mode	< 40 mA (Typical)
Supply Current—suspend mode	< 0.5 mA (Maximum)
Temperature, Operating	-10 - 50 C
Humidity, Operating	0% - 90% non-condensing
Temperature, Storage	-20 - 55 C
Humidity, Storage	0% - 90% non-condensing
Scan Data	8-bit grayscale
Top Surface	IP64-rated seal between top case and glass surface*
Interface	USB 2.0 High Speed
Weight	245 grams
Standards Compliance	FIPS 201 PIV, Mobile ID FAP 30, RoHS, UL, USB, WEEE
ESD	IEC61000-4-2 Level 4

Data subject to change without notice

*IP64 rating is for the seal between the top case and the glass imaging window. Devices containing the embedded module must seal the module top case to their chassis or housing to extend the IP64 protection to the device.

KEY SPECIFICATIONS

- Pixel resolution: 500dpi
- 8-bit grayscale (256 gray levels)
- Scan capture area: 20.32 mm x 25.4 mm
- Reader size: 86mm L x 53mm W x 31mm H (+/-0.5mm)
- USB 2.0 (High Speed)

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