

# Guardian<sup>®</sup> R2

Ruggedized, Appendix F Certified Ten-print Livescan



## FEATURES

- Ruggedized ten-print scanner for harsh environment and outdoor use
- Ergonomically friendly design, tailored for field use
- Easy to understand pictograms and fully automatic image capture
- Instant quality check feedback to the user
- The illumination technique allows the capture of high-quality images regardless of skin color and age
- Auto Capture both hands and thumbs, in under 15 seconds
- Ultra lightweight and portable for use in Jump Kits and portable travel cases
- Convenient, adjustable handle for positioning Guardian R2 to accommodate special needs
- FBI-certified for both civil ID flats and full criminal ten-print rolls and flats

## PRODUCT DESCRIPTION

Identity management solutions often require deployment under a wide variety of environmental conditions with demanding operational requirements. The Crossmatch<sup>®</sup> Guardian R2 ruggedized ten-print livescan is designed to meet these operational challenges while delivering unsurpassed image quality capture performance in the most diverse and often harshest of environments.

Capable of rapidly capturing ID flats and full criminal ten-print flats and rolls, the Guardian R2 meets Appendix F requirements and is well suited for high-volume processing applications. The device has been independently certified to conform to MIL-STD-810F standards for equipment durability in various harsh environmental conditions. In addition, the Guardian R2 is factory calibrated and sealed, and meets IEC IP 65 standards for dust and water intrusion and functions in humidity ranging from 10% to 90%. The device can operate as a battery powered system, is lightweight and easily integrated into jump kits – making it an ideal choice for the most remote and rugged operational missions

## 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](http://www.crossmatch.com).

# Guardian® R2

Ruggedized, Appendix F Certified Ten-print Livescan



## SPECIFICATIONS

Operating Systems	Windows® XP 32-bit; Windows 7/8.1/10 32 and 64-bit
Resolution	500 ppi
Power	External power supply and by USB 2.0 interface
Heated Platen	Eliminates condensation and halo effect (usable by external power only)
Auto Capture	Feedback through four LED lights indicating image quality
Image Quality	FBI specification EBTS Appendix F
Capture Area	3.2" x 3.0" (81 mm x 76 mm), single prism, uniform capture area
Operating temperature	32 °F to 122 °F (0 °C to 50 °C)
Humidity Range	10-90 % non-condensing; sealed protection against low pressure jets of water from all directions
Dimensions	6.1" x 6.5" x 5.3" (15.49 cm x 16.51 cm x 13.46 cm)
Weight	4.85 lbs (2.20 kg) device with cover 7.38 lbs (3.35 kg) device with included packing
Battery	Standard USB 2.0 interface, high speed 480 Mbits/s, IP 65 connector
Housing	Sealed, metal case meets IEC IP 65 standard for protection from dust and water intrusion
Durability	Designed and tested to meet MIL-STD-810F durability specifications
Certifications	FBI, Appendix F,UL,CE, RoHS

## SOFTWARE FEATURES

Auto Capture	Patented capability for flat and roll fingerprints without operator intervention
Perfect Image	Filters and rejects residual ghost fingerprint images
Perfect Roll	For rolled fingerprint acquisition, either direction
Software Update	Firmware and base level software can be updated through the USB 2.0 port
Base Level Software	L Scan Essentials 5.4 and higher

Data subject to change without notice.



## OPTIONAL COMPONENTS

- Optional ambient light shield for use in direct sunlight
- Available in Jump Kit for field deployable ID Management Solutions

### Corporate Headquarters:

**Crossmatch**  
3950 RCA Boulevard, Suite 5001  
Palm Beach Gardens, FL 33410 USA

[www.crossmatch.com](http://www.crossmatch.com)