

# I Scan<sup>®</sup> 2

Compact Dual Iris Scanner



## BENEFITS

- Dual iris capture in less than ten seconds
- Automatic image capture without user intervention
- Portable system that integrates into Crossmatch Jump Kits or other mobile identity management solutions

## PRODUCT DESCRIPTION

The Crossmatch™ I Scan 2 enhances military and civilian security programs with fast and reliable biometric technology. A durable and compact dual iris capture scanner, I Scan 2 is an integral part of any comprehensive identity management program. With the system, organizations can extend their security installations by adding rapid mobile enrollment, identification and verification through iris capture applications.

The USB-powered handheld scanner is ANSI INCITS 379-2004 and ISO/IEC 19794-6 compliant— producing the highest quality iris images. And because it is standards based, I Scan 2 is compatible with known iris matching algorithms and does not require a separate license to acquire and populate iris images.

The included I SCAN Essentials SDK and driver software enable image finding and stabilization, pupil segmentation, image quality assessment and Auto Capture functionality for quick and easy image collection.

## ABOUT CROSSMATCH

Crossmatch helps organizations solve their identity management challenges through biometrics. We empower governments, law enforcement agencies, banks, retailers and other enterprises to mitigate risk, drive productivity and improve service levels. Our solutions are built on consultative expertise, refined best practices and the application of advanced biometrics technologies. Crossmatch understands the forces of change in the markets we serve and we develop solutions that anticipate customer requirements. Our network of consultative and technical service experts collaborate with customers in more than 80 countries worldwide.

Learn more at [www.crossmatch.com](http://www.crossmatch.com)

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### SPECIFICATIONS

Spatial Resolution	4.0 lp/mm at 60% or higher contrast
Pixel Resolution	>22 pixels/mm ( > 210 pixels over iris diameter)
Capture Volume	33 mm x 30 mm x 12.7 mm, exceeding NIST Mobile ID Best practice Recommendations and UID standard
Power Supplied	USB 2.0 (no battery required)
Operating Temperature	32 °F to 120 °F (0 °C - 49 °C)
Humidity Range	10% - 90% non-condensing
Scanner Weight	1.1 lbs (0.5 kg)
Scanner Size	Operation configuration: 234 mm x 157 mm x 50 mm; Storage configuration: 153 mm x 157 mm x 50 mm Environmental Conditions
Iris Image Interchange Format	ANSI INCITS 379-2004 and ISO/IEC 19794-6 standards
Certifications	FCC Class A, RoHS UID BDSC-03-08 with "Certificate of Approval"
Eye Safety	Class 1 LED Product IEC 60825-1:1993+A1:1997+A2:2001, ANSI RP-27.1-96
Shock and Vibration	ISTA 2A Shipping and Handling Specification
Splash and Dust Resistance	IP54 (IEC 60529)



### BIOMETRIC/ CREDENTIAL CAPTURE

Iris Capture	Dual Optical system utilizing 1.3 megapixel cameras; Incorporates "Anti-Dilation" system to facilitate a smaller pupil
Auto Capture	Used asfield calibration check
Bitmap Images	Maximum rate of 7.5 fps

### SDK

Device Integration Interface	BioBase
Supported Operating Systems	Windows <sup>®</sup> XP, Windows 7 (32 and 64 bit)
Minimum Hardware Requirement	Intel <sup>®</sup> Atom processor or similar and 1GB RAM

*Data subject to change without notice*

#### Corporate Headquarters:

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