CROSSMATCH™

BellComm

SEEK® Avenger
Rugged Multimodal Handheld

ADVANTAGES

SEEK Avenger incorporates all the lessons learned in the development of SEEK II. The difference is our years of experience in integrating the multimodal biometrics technology in a user-friendly, ergonomic form that has been proven in theater, on the streets and at the borders – some of the harshest and most demanding environments.

PRODUCT DESCRIPTION

Ideally suited for in-field operations, the compact SEEK Avenger is the only fully certified biometric enrollment and credential reading solution purpose built to perform in the harsh and challenging environments of the military, border security, and law enforcement. Combining forensic-quality fingerprint, stand-off dual iris capture, high resolution facial and evidence imaging, and multiple format credential reading, the SEEK Avenger delivers a lighter, smarter, and faster solution than what is available in the market today.

As the first mobile device of its kind capable of fingerprint and dual stand-off iris capture in direct sunlight, the SEEK Avenger provides mission flexibility by limiting operating constraints. Optional 3G/4G wireless connectivity and an onboard watchlist of up to 250,000 records, eliminates the need to transport unknown subjects in uncertain conditions for enrollment or identification; further reducing operational risk. With the addition of the optional MRZ and RFID readers, the functionality of the Avenger expands to include the reading and verification of ePassports and other noncontact credentials. These capabilities prove extremely valuable in highly remote locations, conditions where connectivity has been compromised, or when virtually instantaneous confirmation is required.

The SEEK Avenger delivers superior multi biometric enrollment and identity management capabilities in an age where risks are not always obvious and can carry extreme consequences. Being able to rely on a high degree of mobility, interoperability, and rapid accuracy can provide the decisive difference.

To learn more, visit www.crossmatch.com

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

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SPECIFICATIONS

Main Processor	Intel® Atom N2600 Dual Core – 1.6 GHz
Operating System	Windows® 7 Ultimate
Hard Drive	32 GB removable SATA solid state drive (64 GB optional)
Memory (optional)	2 GB DRAM (4 GB optional)
External Interfaces	2 USB 2.0, 1 ethernet, headphone and microphone jack
Cellular Data Connectivity (optional)	3G/4G (UMTS / DC HSPA+ & LTE) DC HSPA+ (850 / 1900 / 2100 MHz), LTE (700 MHz and AWS)
Other Wireless Communications	802.11 b/g/n, Bluetooth® 4.0 LE / 3.0 HS / 2.1 EDR and GPS
Ruggedized Standards	Designed to MIL-STD 810G and IP65
Display	5.0 Inch, 800 x 480 resolution resistive touchscreen
Keypad	Large backlit QWERTY keypad with optical mouse
Dimensions	9.5" x 6.2" x 1.8" (24.13 cm x 15.75 cm x 4.57 cm)
Weight	3.2 lbs (1.45 kg)
Battery	Dual hot-swappable, 2.9 Ahr, Li Ion
Battery Life	Up to 8 hours (use case dependent)
Operating Temperature	35°F to 120°F (2°C to 50°C)

Large QWERTY keyboard and display

BIOMETRIC / CREDENTIAL CAPTURE

Fingerprint Capture	500 ppi; FBI Appendix F (FAP 45)
Iris Capture	Stand-off, SAP 40 simultaneous dual eye, Autofocus range 6"-10" (15.24 cm - 25.4 cm)
Camera	5 MP autofocus, autoflash
Contact Card	ISO / IEC 7816 (CAC, PIV)
Bar Code Reading	Using Facial Camera - 1D / 2D (PDF 417, Code 39)

FAP 45 fingerprint sensor

APPLICATIONS

Enrollment, Matching, and Transmission	MOBS, IDTrak, and Transmission Manager
SDK	SEEK Integrator SDK (finger, iris, face, credentials)

Stand-off dual iris and facial capture

ADDITIONAL OPTIONS

MRZ Reader	ICAO 9303 and ISO/IEC 7501-1 (passports, visas)
RFID Reader	ISO/IEC 14443 documents (ePassports, PIV)

Data subject to change without notice

MRZ and RFID Reader

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