Guardian® Jump Kit
Multimodal Biometric Jump Kit

The demands for deployable biometric technology in the field include precision, durability and mobility. Cross Match Guardian multimodal biometric Jump Kit provides compact, highly mobile technology for capturing and transmitting forensic-quality digital fingerprints, iris images, photographs and demographic data from harsh, remote or hostile environments.

The Guardian Jump Kit from Cross Match is smaller and lighter than ever and is completely self powered using a military specification (MILSPEC) battery. The Jump Kit includes a durable ten-print livescan device, mug shot camera, iris scanner, and global positioning system (GPS) to log date, time and exact location of enrollment. Optionally, the Jump Kit can be configured to include a portable handheld fingerprint scanner, a latent image camera, a document scanner and a mobile printer. The Jump Kit can be configured to host a mobile AFIS as well. Completely customizable, one can choose exactly what is needed in the system to match their organizations’ users mission.

The Jump Kit is configured and ready to operate right in its hermetically sealed case. As such, it is a true plug-and-play solution for use in urban war zones, detainment camps, remote mountainous terrain, on ships and after natural disasters.

The Jump Kit provides a rapid deployment, identification and verification kit in one sealed portable case — to capture and transmit vital information about suspects, terrorists, detainees and others. With the Jump Kit, mobile forces such as law enforcement, homeland security and military personnel, can quickly and easily check a person against an existing database of known individuals and identify exactly with whom they are engaged.
Guardian® Jump Kit

Components

- Plug-and-play capability allows Jump Kits to be configured based on users’ requirements for field deployable ID management using:
  - Guardian USB: criminal and applicant enrollment system
  - Guardian R: rugged, compact system for biometric enrollment
  - Guardian R2: biometric ID management system for harsh environments
- Durable, water- and air-tight case containing all components
- At less than 6 lbs, the Guardian products are the smallest ten-print FBI-certified livescan systems available today
- Portable handheld fingerprint scanners with tether cable
- Durable digital camera
- Iris scanner
- Supply kit with silicone membranes, cleaner and dry wipes

Optional Components

- Voice print recorder
- MRZ Reader for collecting passport and ICAO travel document data
- Mobile printer
- Mobile AFIS – 65,000 ten-print records and 400 latent print databases
- Dual submission and comparison against portable database on laptop or FBI’s IAFIS, Department of Homeland Security’s IDENT and other “watch list” databases
- Document scanner for electronic import and transmission of credential documents or evidential documents found in the field

Optional Software

- IDTrak for Rapid ID — Fast lookup software used to match livescan prints with stored images in watch lists. Usable in the field, IDTrak requires no satellite communications and is much faster than remote AFIS searches
- Quick Match software-based available to capture fingerprint template images for search and matching against stored watch lists

Software

- MOBS (Mission Oriented Biometric Software) — Easy-to-use software enabling automated capture of finger, face and iris images in hostile environments where biometric processing speed is an absolute requirement for operator safety
- LSMS (Livescan Management Software) — Criminal booking software designed to quickly create EFT files for FBI background checks. Ensures forensic-quality biometric capture of fingerprint sand mug shots, optimizing results of AFIS searches

Guardian Specifications

- Image quality complies with FBI specification EFTS Appendix F
- FBI-certified for both civil ID flats and full criminal ten-print rolls and flats
- Certified for use with, and without, Cross Match patented silicone membrane technology
- 3.2” x 3.0”, single prism, single imager, uniform capture area
- Resolution: 500 ppi
- Operating Temperature: 35°F to 120°F (1.6°C to 49°C)
- Humidity Range: 10-90% non-condensing; splash-resistant
- Factory calibrated and sealed, with automatic self-test diagnostics at start-up
- Dimensions: 6” x 6” x 5.1” (152 x 152 x 130 mm)
- Weight: max. 5 lbs (2.3 kg)
- Ingress protection to IP66

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The Worldwide Standard in Biometric Identity Solutions

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