

IOM RapID-Cam™ II

Handheld Biometric Device



Portable biometric devices expand the possibilities of identity verification for security applications beyond the confines of a facility. SRI Sarnoff's handheld biometric system allows users to quickly enroll and identify subjects at a distance while in the field.

The IOM RapID-Cam™ II device is built on SRI Sarnoff's patented Iris on the Move® (IOM) technology. It is designed to deliver IOM's proven speed, accuracy, and ease of use in a mobile configuration. The system only requires one hand for operation and can capture dual-iris and facial images up to eighteen inches away—putting the operator at a comfortable distance from the subject.

The ruggedized, self-contained device performs onboard enrollment for both iris templates in less than thirty seconds. The captured face image (non-ISO standard) is associated with iris images in the data record. Once subjects are enrolled, the system verifies identity in less than one second. With its extended standoff range and unprecedented tolerance to motion, the RapID-Cam II delivers an advanced level of security and convenience at less than half the cost of similar portable units.

RapID-Cam II's built-in wireless connectivity with automatic or on-demand synchronization ensures that the latest information is always available in the home office and in the field. This compact authentication system provides rapid, accurate identification for access control and screening without invading personal space.

Proven Iris on the Move speed, accuracy, and ease of use in a mobile configuration



IOM RapID-Cam II

Applications

- Police patrol and booking stations
- Vehicle and pedestrian checkpoints
- Sports stadiums
- Border crossings
- Motor vehicle registration

Capabilities

- Dual-iris enrollment with wireless connectivity to the database server
- Convenient two-click iris/face capture with one hand
- Identity verification in less than one second
- Standoff capture keeps user at a comfortable distance from subject
- Onboard enrollment for flexible registration
- Portable design for field operations
- Captures iris image through eyeglasses and contact lenses

Specifications

Physical Size	24.1 cm (W) x 28.9 cm (H) x 15.2 cm (D) (9.5 in x 11.38 in x 6.0 in)
Face & Iris Standoff Distance	30 cm to 45 cm (12 in to 18 in)
Iris Field of View	14.0 cm x 10.5 cm (5.5 in x 4.1 in)
Face Portrait Focus Range	30 cm (12 in) to infinity
Face Field of View	38 cm x 16 cm @ 35 cm (14.8 in x 6.3 in @ 14 in)
Battery	7.4V Li-ion, 5.6A-hr
Battery Run-Time	4 hours (minimum)
Weight	2 kg (4.5 lb)
Operating Conditions	-25° C to 43° C, 5% to 95% RH (-13° F to 110° F)
Interface/Output	WiFi (3G/4G optional), USB

Contact Us

for more information
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About SRI International

Silicon Valley-based SRI International, a nonprofit research and development organization, performs sponsored R&D for governments, businesses, and foundations. SRI brings its innovations to the marketplace through technology licensing, new products, and spin-off ventures. SRI is known for world-changing innovations in computing, health and pharmaceuticals, chemistry and materials, sensing, energy, education, national defense, and more.

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