For high-traffic locations such as airports and security checkpoints, the need for heightened security and efficient access control has never been more critical. Using its patented Iris on the Move® (IOM) technology, Sarnoff combines the security of iris recognition with a fast, convenient, high-throughput solution. IOM PassPort™ has a processing speed of 30 people per minute, making it ideal for applications that require uncompromising identity verification of a large number of people.

The walk-through portal is an eye-safe solution that captures an individual’s iris from up to 10 feet (3 meters) away. IOM PassPort's touchless capability provides an innovative and effective way to solve the difficulties associated with congestion and infrastructure limitations.

**Capabilities**
- **Stand-off biometric**
  - Requires no subject training
  - Limited subject interaction
  - Unobtrusive
- **High-throughput**
  - Up to 30 people per minute
  - Prevents bottle necks
  - Works up to 10 feet away
  - Captures iris in milliseconds

**Applications**
- Large venue security
- Airports
- Train stations
- Power and utility sites
- Border crossing
- Residential and commercial access
- Factories
- Corporate security
- Campus security
- Correctional facilities
- Critical infrastructures

---

**On the Move and at a Distance, IOM PassPort Provides A Superior Biometric Solution**

- **Flexibility of design**
  - Works with subjects of variable heights
  - Captures iris through eyeglasses and contact lenses
- **Platform “agnostic”**
  - Operates with most commercial enrollment devices
  - Interoperable with all leading iris matching algorithms
  - Can be integrated as part of a larger security system
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. Commemorating its 65th anniversary in 2011, SRI is known for world-changing innovations in computing, health and pharmaceuticals, chemistry and materials, sensing, energy, education, national defense, and more. SRI Sarnoff is well known for its broadcasting, vision, and semiconductor innovations.

Headquarters
SRI International
333 Ravenswood Avenue
Menlo Park, CA 94025-3493
650.859.2000

Washington, D.C.
SRI International
1100 Wilson Blvd., Suite 2800
Arlington, VA 22209-3915
703.524.2053

Princeton, New Jersey
SRI International Sarnoff
201 Washington Road
Princeton, NJ 08540-6449
609.734.2553

Additional U.S. and international locations

www.sarnoff.com

SRI International and Sarnoff are registered trademarks of SRI International. All other trademarks are the property of their respective owners.

Copyright 2011 SRI International. All rights reserved. 02/11.

Contact Us
info@sarnoff.com
609.734.2553
sarnoff.com/iom

Specifications

| Physical: Portal | Unit Height 86.25 in (220 cm) |
| Physical: Portal | Unit Width 48 in (122 cm) |
| Physical: Portal | Unit Depth 49 in (125 cm) |

| Physical: Cabinet | Unit Height 64 in (163 cm) |
| Physical: Cabinet | Unit Width 12 in (30 cm) |
| Physical: Cabinet | Unit Depth 18 in (46 cm) |

Performance

| Standoff Distance | 10 ft (3 meters) |
| Capture Volume | 20 in (W) x 20 in (H) x 8 in (D) (50 cm x 50 cm x 20 cm) |
| Iris Identification Speed | < 1 sec |
| Subject Motion | Longitudinal |
| Throughput | 30 people per minute |
| Database Size | Scalable |
| Typical Application | High throughput access |
| Power Requirements | 120 volts AC; 2 amps; 250 watts max |
| Operating Conditions | Temperature: 30° to 100°F; Humidity: 30-90%, non-condensing |
| Interface | Runs standalone or via Ethernet (10/100/1000 Mbps) |

System Components

- IOM PassPort
- System controller

System Diagram

---

Copyright 2011 SRI International. All rights reserved. 02/11.