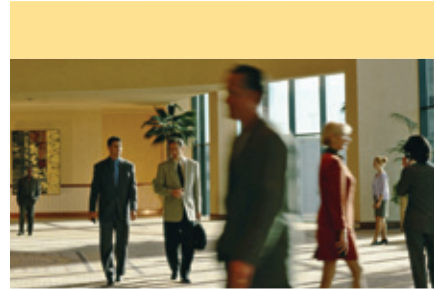


IOM PassPort™

A High-Throughput System for Identity Verification



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

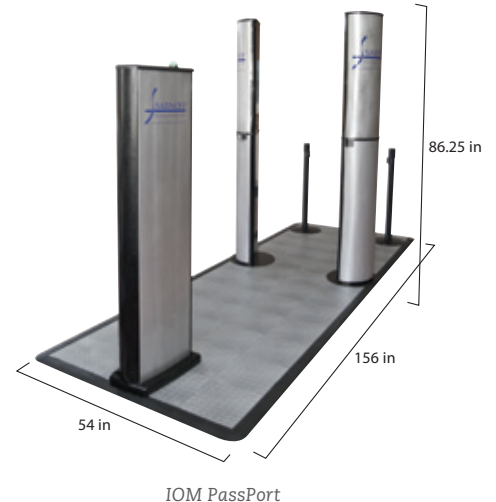
- *Stand-off biometric*
 - *Requires no subject training*
 - *Limited subject interaction*
 - *Unobtrusive*
- *High-throughput*
 - *Up to 30 people per minute*
 - *Prevents bottle necks*
 - *Works up to 10 feet away*
 - *Captures iris in milliseconds*

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*

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*

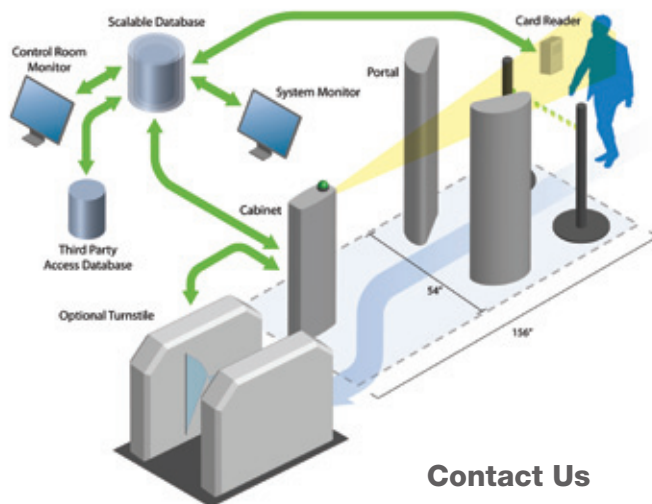




Specifications

Physical: Portal	
Unit Height	86.25 in (220 cm)
Unit Width	48 in (122 cm)
Unit Depth	49 in (125 cm)
Physical: Cabinet	
Unit Height	64 in (163 cm)
Unit Width	12 in (30 cm)
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 Diagram



System Components

- IOM PassPort
- System controller

Contact Us

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SRI International

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