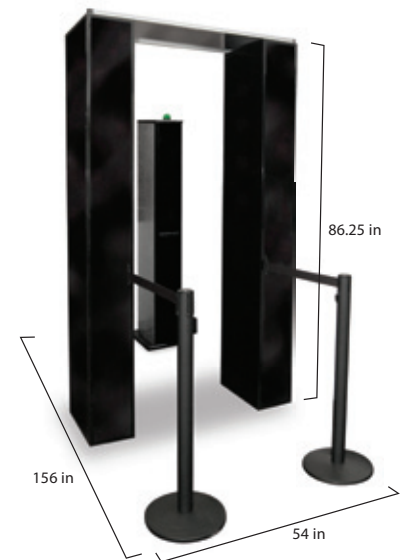


*On The Move And
At A Distance, IOM
PassPort Provides
A Superior Biometric
Solution*



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, designed to replicate a metal detector, 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.



IOM PassPort

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
- » **Flexibility of design**
 - Works with subjects of variable heights
 - Captures images through eyeglasses, contact lenses and most sunglasses
- » **Platform "agnostic"**
 - Integrates with most commercial enrollment devices
 - Interoperable with all leading iris matching algorithms
 - Can be integrated as part of a larger security system

Applications

- » **Secure facility access control**
 - Government facilities
 - Power and utility sites
- » **Large venue security**
- » **Transportation security**
 - Airports
 - Train Stations
- » **Border crossing**
- » **Residential and commercial access**
- » **Gated building access**
- » **Correctional facilities**
- » **Factories**
- » **Campus security**

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	110 volts; 10 amps; 1000 watts max (not including system controller)
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
- » Iris matching algorithm
- » Enrollment device

System Diagram

