



## IOM Walk-Through Identity Reader

It is critical to maintain the highest security standards in high-traffic locations. Princeton Identity™ delivers the unprecedented security of iris identity authentication without compromising throughput and convenience. The IOM reader can process 30 people per minute, making it ideal for crowded airports and borders as well as corporate lobbies.

The IOM walk-through design leverages the free flow and proven performance of Identity on the Move™ (IOM) technology in a modular configuration. It captures dual-iris and face images of individuals from up to 10 feet away as they walk naturally through the portal. Innovative non-contact capability solves the identification challenges associated with congestion and infrastructure limitations.

Users can easily integrate IOM's unique face capture and iris recognition components directly into their own turnstiles, infrastructures, or entrances. The system's versatile configuration minimizes changes in existing operational procedures or hardware.

*Superior biometric identification  
for any access control system*



*IOM walk-through system with floor kit assembly*

## Specifications

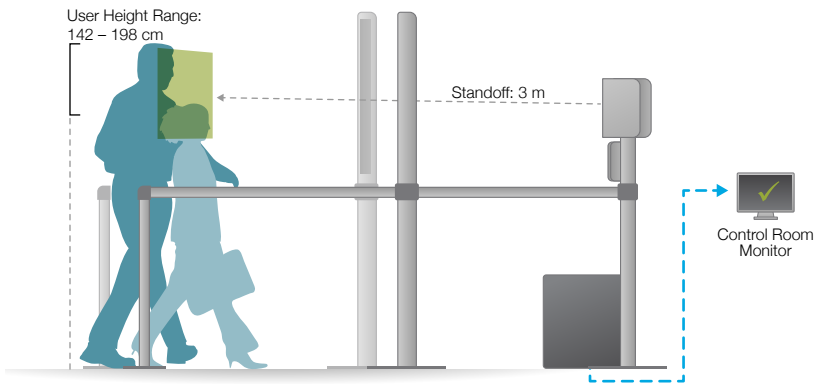
### Dimensions (W x L x H) & Weight

Illuminator Tower (2)	10 cm x 10 cm x 120 cm, 7 kg (4 in x 4 in x 47 in, 15 lb)
Camera Unit (1)	18 cm x 20 cm x 92 cm, 14 kg (7 in x 8 in x 36 in, 30 lb)
Controller Unit (1)	23 cm x 56 cm x 41 cm, 27 kg (9 in x 22 in x 16 in, 60 lb)
Optional Floor Stand (3)	25 cm x 25 cm x 102 cm, 12 kg (10 in x 10 in x 40 in, 25 lb)

### Performance

Standoff Distance	3 m (9.8 ft)
Capture Volume	50 cm x 50 cm x 20 cm (20 in x 20 in x 8 in)
Iris Identification Speed	< 1 sec
Subject Motion	Longitudinal
Throughput	30 people per minute
Database Size	Scalable
Typical Application	High throughput access
Power Requirements	120 VAC, 2 A, 250 W max
Operating Conditions	-1° to +32° C (30° F to 90° F), 30% to 90% non-condensing humidity
Interface	Runs standalone or via Ethernet (10/100/1000 Mbps)

## System Diagram



## Applications

- Critical infrastructure
- Transportation hubs
- Power and utility sites
- Border crossings
- Large venue security
- Corporate and campus security
- Correctional facilities



Princeton Identity develops innovative technologies, software and physical hardware solutions designed to verify and manage individuals' identities for a wide range of physical security and data access applications. The company's unique multimodal biometric solutions employ distinctive iris and facial recognition technologies which deliver the highest levels of accuracy and speed both indoors and outdoors. With proven installations around the world utilizing their technology, Princeton Identity offers system solutions for a diverse range of mainstream applications including mobile access control, corporate, industrial and secure workplaces, airports, critical infrastructure, public arenas and border control. Using the company's unique technical expertise developed through a long history of research and innovation at SRI International, Princeton Identity creates and integrates the world's fastest, most accurate, versatile and non-intrusive identity solutions.

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