

## IOM Access Control Reader

Accurate information is key to securing and optimizing operations. Princeton Identity's IOM biometric reader offers customers a convenient and reliable biometric identity solution for secure access control and workforce management applications.

### Ease of Use

The IOM iris reader enables effortless, standoff identity authentication in less than a second at any point of entry—both indoors and outdoors. Users simply glance at the unit without having to remove glasses or place their eyes close to a device.

- Standoff identification more than two feet away
- Processes up to 20 people per minute
- Large capture volume accommodates people of various heights
- Minimal user training required

### Proven Performance

The system delivers the accuracy and speed of patented Identity on the Move™ (IOM) technology in a scalable, cost-effective configuration. It has been successfully tested and deployed across the globe in a variety of installations including college and corporate campuses, data centers, and construction sites.

### Simple Integration

The IOM system offers customers an efficient way to implement secure, convenient biometric access throughout a facility or campus. For example, it integrates seamlessly with third-party access control software.

- Integrated control unit (ICU) supports up to four reader heads
- Wiegand and relay output for access control integration
- Incorporates easily into existing security workflows

*Seamless identity  
authentication at a glance*



*Indoor reader*

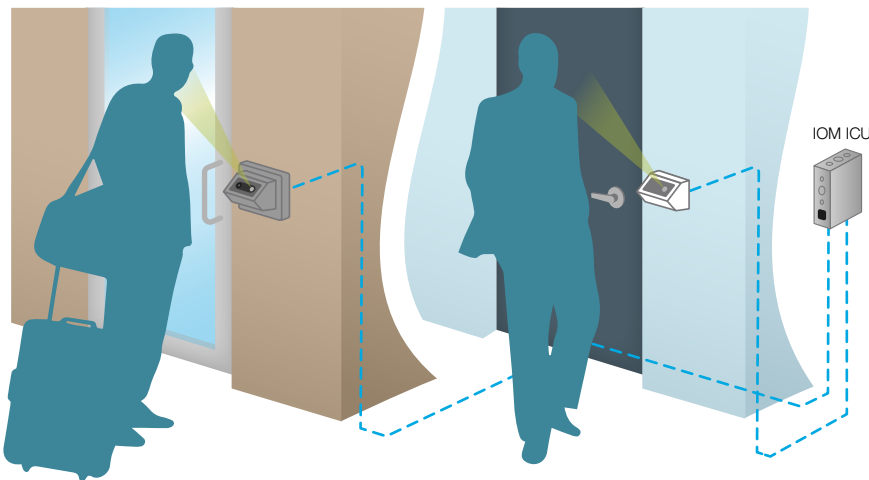


*Outdoor reader*

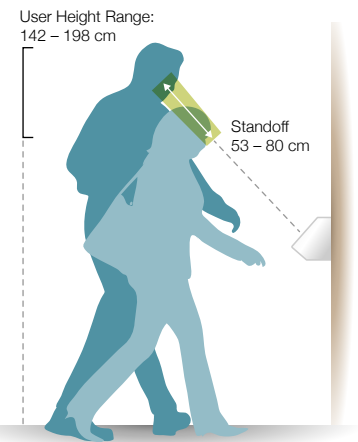
## Specifications

	Reader Head (Indoor); C-120	Reader Head (Outdoor); OC-120	Integrated Controller Unit; ICU-121
Dimensions (W x H x D)	22 cm x 18 cm x 19 cm 8.75 in x 7.75 in x 7.5 in	25 cm x 23 cm x 18.5 cm 10 in x 9 in x 7.25 in	30.5 cm x 40.6 cm x 10.2 cm 12 in x 16 in x 4 in
Standoff Distance	53 to 80 cm (21 to 32 in)		n/a
Capture Volume	13 cm x 10 cm x 28 cm (5 in x 4 in x 11 in)		n/a
Cycle Time	3 seconds (typical)		
Throughput	20 people per minute		n/a
Power Requirements	24 VDC, 3 Amp peak		24 VDC, 4 Amp peak
Weight	0.9 kg (2 lb)	1.6 kg (3.5 lb)	8.3 kg (18.2 lb)
Operating Temperature	0° to 40° C (32° to 104° F)	-20° to 50° C (-4° to 122° F)	0° to 40° C (32° to 104° F)
Humidity	90%	100%	90%
Communications	Ethernet		Ethernet; Access control panel integration: Wiegand and relay

## System Diagram



## Capture Volume



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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