IOM Handheld Identity Reader

Portable biometric devices extend identity verification beyond the confines of a facility. The IOM handheld reader enrolls and identifies subjects at a distance while in the field.

The handheld reader, built on SRI’s patented Identity on the Move™ (IOM) technology, is designed to deliver IOM’s proven speed, accuracy and ease of use in a mobile configuration. The system requires only one hand for operation and can capture dual-iris and face images up to 18 inches away—putting the operator at a comfortable distance from the subject.

The reader’s built-in wireless connectivity with automatic or on-demand synchronization ensures the latest information is always available both in the home office and in the field. This compact IOM authentication system provides rapid, accurate identification for access control and screening without invading personal space.

The ruggedized, self-contained device performs onboard enrollment for both iris templates in less than 30 seconds. The captured face image (non-ISO standard) is associated with iris images in the data record. Once subjects are enrolled, the system verifies identity in less than one second. With its extended standoff range and unprecedented tolerance to motion, the IOM reader delivers an advanced level of security and convenience at less than half the cost of similar portable units.

Proven speed, accuracy and ease of use in a portable configuration
**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Specification Details</th>
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</thead>
<tbody>
<tr>
<td>Physical Size (W x H x D)</td>
<td>24.1 cm x 28.9 cm x 15.2 cm (9.5 in x 11.38 in x 6.0 in)</td>
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<tr>
<td>Face and Iris Standoff Distance</td>
<td>30 cm to 45 cm (12 in to 18 in)</td>
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<tr>
<td>Iris Field of View</td>
<td>14.0 cm x 10.5 cm (5.5 in x 4.1 in)</td>
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<tr>
<td>Face Portrait Focus Range</td>
<td>30 cm (12 in) to infinity</td>
</tr>
<tr>
<td>Face Field of View</td>
<td>38 cm x 16 cm @ 35 cm (14.8 in x 6.3 in @ 14 in)</td>
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<tr>
<td>Battery</td>
<td>7.4V Li-ion, 5.6A-hr</td>
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<tr>
<td>Battery Run-Time</td>
<td>4 hours (minimum)</td>
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<tr>
<td>Weight</td>
<td>2 kg (4.5 lb)</td>
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<tr>
<td>Operating Conditions</td>
<td>-25° C to 43° C (-13°F to 110°F), 5% to 95% RH</td>
</tr>
<tr>
<td>Interface/Output</td>
<td>WiFi (3G/4G optional), USB</td>
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**Applications**

- Police patrol and booking stations
- Vehicle and pedestrian checkpoints
- Sports stadiums
- Border crossings
- Motor vehicle registration

**Capabilities**

- Dual-iris enrollment with wireless connectivity to the database server
- Convenient two-click iris and face capture with one hand
- Identity verification in less than one second
- Standoff capture at a comfortable distance from subject
- Onboard enrollment for flexible registration
- Portable design for field operations
- Captures iris image through eyeglasses and contact lenses

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**SRI Identity™**

SRI Identity develops solutions to verify and manage identity information. With proven installations around the world, we address a diverse range of applications including secure workplaces, critical infrastructure, public arenas and border control. Using our unique technical expertise developed through a long history of research and innovation, we create and integrate the world's fastest, most accurate, versatile and non-intrusive identity solutions.

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