## Specifications

### Detection unit / Control box

<table>
<thead>
<tr>
<th>Item</th>
<th>Specifications</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection Method</td>
<td>Vector Focusing Method</td>
<td></td>
</tr>
<tr>
<td>Detection Accuracy</td>
<td>&gt; 95% (by own criteria)</td>
<td></td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>Power over Ethernet IEEE 802.3 at</td>
<td></td>
</tr>
<tr>
<td>Warm-up time</td>
<td>Approx. 45 sec.</td>
<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detection unit</td>
<td>10 W max.</td>
<td></td>
</tr>
<tr>
<td>Indicator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control box</td>
<td>Green / Red</td>
<td>Power, Authorization, Normal entry (lit)</td>
</tr>
<tr>
<td>Detection unit</td>
<td>Green / Red</td>
<td>Warm-up (lit) / Trouble (blinking)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Control box 265 x 135 x 31 mm (W × H × D)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Control box 800 g</td>
<td></td>
</tr>
<tr>
<td>Installation</td>
<td>Wall / stationary</td>
<td>Interior only</td>
</tr>
<tr>
<td>Mounting Height</td>
<td>Detection unit 2.5 to 4.0 m²</td>
<td>It may be limited by environmental conditions.</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0 to 50 °C</td>
<td></td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>≤ 80% RH</td>
<td>only under no condensation</td>
</tr>
<tr>
<td>Operating Illuminance</td>
<td>100 to 20,000 lux</td>
<td>only the outline of an object is shown</td>
</tr>
<tr>
<td>Input terminal</td>
<td>Authorization N.O./N.C. no voltage</td>
<td>MOS FET relay</td>
</tr>
<tr>
<td></td>
<td>MOS FET relay</td>
<td>Variable timer 0.2 to infinity</td>
</tr>
<tr>
<td></td>
<td>Disable output</td>
<td>Pulse output for every entry</td>
</tr>
<tr>
<td>Output terminal</td>
<td>Disable Tailgating (ᶃ and ᶄ) and Multiple detections</td>
<td>One shot or Timer switching</td>
</tr>
<tr>
<td></td>
<td>Normal entry</td>
<td>Pulse output for authorization</td>
</tr>
<tr>
<td></td>
<td>MOS FET relay</td>
<td>Continuous output during multiple detections ᶃ and ᶄ</td>
</tr>
<tr>
<td></td>
<td>Error</td>
<td>Output when disable to detect</td>
</tr>
</tbody>
</table>

*1 OV-102 always requires 100 lux or more.
*2 Maximum width of door opening is 2 m when mounting at 2.5 m high.
*3 Input/output relays can be selected N.O./N.C. by the dipswitch.
*4 “Disable output” is recommended to use for an entrance with carriage or luggage. They may make a false detection.
*5 Multiple detections must be ON by the dipswitch settings.

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**ACCURANCE makes your access control system more sure.**

Unique algorithm for anti-tailgating detection

**[Vector focal method]**

The ACCURANCE OV-102 grasps and tracks a shape of human sterically by a unique image sensing technology. The system can recognize complicated movement and the number of people at high rate and accuracy.
**System configuration**

- **Detection area**
  - **Detection area chart**
  - **Case of application**
    - Data center
    - R&D facility
    - Laboratory

**Features**

**Unique and various functions**
- Door cancel function
  - Ignore door movement on installation side of detection unit.
- Workability
  - Install on existing door
- Detection area adjustability
  - Detection area can be adjusted after installation of detection unit.
- Sensitivity adjustability
  - Sensitivity can be adjusted after installation.

**System scalability**
- WEB browser setting
  - Setting can be adjusted by WEB browser through LAN. (No special set-up software required)

**Performance for ambient light**
- Stable performance for illuminance change
  - Operating illuminance 10 to 20,000 lux

**Versatile operation by security level or application**

Accurance OV-102 fits various applications by security level of area or zoning.