Body Temperature Thermal Scanner
TVTS-OP-BTTS7

Key Features

- Sub-degree accuracy
- Non-contact functionality
- Suitable for adjunct use in public areas
- Temperature acquisition in under a second

Technology

- A fully integrated solution, Turing’s Body Temperature Scanner (BTS) is the first line of defense against coronavirus for public facilities. The Turing BTS combines artificial intelligence and thermal imaging technologies, and determines the body temperature of a passing individual within 0.1 seconds and to an accuracy of ±0.5°F. It is typically used as an adjunct device to provide health pre-screening, access control, and visitor tracking.
- The Turing BTS is equipped to send alerts in multiple forms, and can be integrated as a component in an existing personnel processing station.

Typical Use Cases

Any entrance or exit at:

- Airports
- Bus stations
- Mass transit
- Casinos and gaming facilities
- Hospitals
- Retail stores
- Corporate offices

www.turingvideo.com
# Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>TVTS-OP-BTTS7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Camera and Video</strong></td>
<td></td>
</tr>
<tr>
<td>Cameras</td>
<td>Dual Sony 6mm lens</td>
</tr>
<tr>
<td>Lens aperture</td>
<td>1/2.8</td>
</tr>
<tr>
<td>Minimum lighting</td>
<td>0.01 Lux @(F1.2, AGC on)</td>
</tr>
<tr>
<td>Display</td>
<td>7-inch HD LCD screen</td>
</tr>
<tr>
<td>Image enhancing</td>
<td>Adaptive light compensation, digital noise reduction</td>
</tr>
<tr>
<td>Video coding</td>
<td>H.264</td>
</tr>
<tr>
<td>Data rate</td>
<td>1~4 Mbps</td>
</tr>
<tr>
<td>Resolution</td>
<td>1920x1080 (H x V)</td>
</tr>
<tr>
<td>Frame rate</td>
<td>25 fps</td>
</tr>
<tr>
<td>Video settings</td>
<td>Exposure, gain, contrast, saturation</td>
</tr>
<tr>
<td><strong>Power and Battery</strong></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>DC 12V 2A</td>
</tr>
<tr>
<td>Power consumption</td>
<td>&lt;= 8W</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-22-158 °F</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>20%-90%</td>
</tr>
<tr>
<td>Protections</td>
<td>Protection for short circuit, over charging, high temperature</td>
</tr>
</tbody>
</table>
# Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>TVTS-OP-BTT57</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recognition and Detection</strong></td>
<td></td>
</tr>
<tr>
<td>Range of detection</td>
<td>50-104°F</td>
</tr>
<tr>
<td>Temperature accuracy</td>
<td>± 0.5°F</td>
</tr>
<tr>
<td>Alert</td>
<td>Voice alert, text messages</td>
</tr>
<tr>
<td>Detection time</td>
<td>&lt;= 100 ms</td>
</tr>
<tr>
<td>Measuring distance</td>
<td>1.5 feet (18”) recommended</td>
</tr>
<tr>
<td>Detection triggering</td>
<td>Temperature reading is taken when a face is detected</td>
</tr>
<tr>
<td><strong>Expandability</strong></td>
<td></td>
</tr>
<tr>
<td>SDK support</td>
<td>Linux / Windows</td>
</tr>
<tr>
<td>Internal storage</td>
<td>8GB, extendable to 64GB</td>
</tr>
<tr>
<td>Protocols supported</td>
<td>ONVIF, TCP/IP, HTTP, FTP, DNS, NTP</td>
</tr>
</tbody>
</table>

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Contact us at TemperaturePortals@DHPace.com