**DS-K1T642MW**  
**Face Recognition Terminal**

- **Forced mask wearing alert:** If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance will be failed.
- **Face mask wearing alert:** If the recognizing face does not wear a mask, the device will prompt a voice reminder. At the same time, the authentication or attendance is valid.
- **Face recognition distance:** 0.3 m to 3 m
- **Max. 6,000 face capacity, Max. 10,000 card capacity, and Max. 150,000 event capacity**
- **Face recognition duration** \(< 0.2 \text{s/User; face recognition accuracy rate} \geq 99\%\)
- **Two-way audio with indoor station and main station**
- **Supports 6 attendance status,** including check in, check out, break in, break out, overtime in, overtime out.
- **Remotely opens door and starts live view via Hik-Connect**
- **Configuration via the web client**
- **Supports ISAPI and ISUP5.0 protocol**
### Specification

<table>
<thead>
<tr>
<th>Display</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td>4.3-inch</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>IPS Full Screen</td>
</tr>
<tr>
<td><strong>Operation method</strong></td>
<td>Capacitive touch screen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pixel</strong></td>
<td>2 MP</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>× 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Audio</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Tone quality</strong></td>
<td>Noise suppression and echo cancellation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Network</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication protocol</strong></td>
<td>ISUP 5.0, ISAPI, NetSDK, HikCentral Pro OpenAPI, and Hik-ProConnect OpenAPI</td>
</tr>
<tr>
<td><strong>Wired network</strong></td>
<td>10 M/100 M/1000 M self-adaptive</td>
</tr>
<tr>
<td><strong>Wi-Fi Support</strong></td>
<td>Support</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interface</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network interface</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Lock output</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Exit button</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Door contact input</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Power interface</strong></td>
<td>2-pin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Face capacity</strong></td>
<td>6000</td>
</tr>
<tr>
<td><strong>Card capacity</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Event capacity</strong></td>
<td>150,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Authentication</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Face recognition distance</strong></td>
<td>0.3 to 3 m</td>
</tr>
<tr>
<td><strong>Face recognition accuracy rate</strong></td>
<td>&gt; 99%</td>
</tr>
<tr>
<td><strong>Face recognition duration</strong></td>
<td>&lt; 0.2 s</td>
</tr>
<tr>
<td><strong>Card type</strong></td>
<td>Mifare 1 card</td>
</tr>
<tr>
<td><strong>Card reading frequency</strong></td>
<td>13.56MHz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Function</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>QR code recognition</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Face anti-spoofing</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Audio prompt</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Time synchronization</strong></td>
<td>Support</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General</th>
<th></th>
</tr>
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<tbody>
<tr>
<td><strong>Power supply method</strong></td>
<td>12V/2A (power adapter not included)</td>
</tr>
<tr>
<td><strong>Working temperature</strong></td>
<td>-10 °C to 50 °C (14 °F to 122 °F)</td>
</tr>
<tr>
<td><strong>Working humidity</strong></td>
<td>0 to 90% (No condensing)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>118 mm × 118 mm × 20 mm (4.6&quot; × 4.6&quot; × 0.7&quot;)</td>
</tr>
<tr>
<td><strong>Application environment</strong></td>
<td>Indoor</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td>Surface, optional base stand</td>
</tr>
<tr>
<td>Language</td>
<td>English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil)</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Platform</td>
<td>Hik-ProConnect and HikCentral Professional</td>
</tr>
</tbody>
</table>

**Available Model**

DS-K1T642MW

**Dimension**

![Dimension Diagram](image-url)