### DS-K1A8503F
Fingerprint Time Attendance Terminal

- 2.4-inch LCD screen to display time, date, week, and attendance information
- TCP/IP communication
- 1:N mode accurate and fast fingerprint recognition (recognition duration < 1s)
- Max. 1000 users, Max. 1000 fingerprints, and Max. 100,000 events records
- Stand-alone operation (supports adding persons, and fingerprints locally)
- Downloads attendance reports by USB flash drive
- Up to 32 normal shifts, 32 man-hour shifts, and 32 attendance holiday schedules can be configured
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Generates reports automatically
- Supports multiple languages: English, Vietnamese, Brazilian Portuguese, Spanish, French, Italian, Arabic, Thai, Turkish, Indonesian, and Ukrainian
- Supports ISAPI protocol and ISUP 5.0 protocol
### Specification

<table>
<thead>
<tr>
<th>System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation system</td>
<td>Linux</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screen</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>2.4-inch</td>
</tr>
<tr>
<td>Type</td>
<td>LCD-TFT display screen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Audio</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio output</td>
<td>1 loudspeaker, 1 buzzer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Network</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wired network</td>
<td>TCP/IP, 10/100Mbps, self-adaptive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interface</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Network interface</td>
<td>1</td>
</tr>
<tr>
<td>USB</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingerprint capacity</td>
<td>1000</td>
</tr>
<tr>
<td>Event capacity</td>
<td>100,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Authentication</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingerprint module</td>
<td>Optical fingerprint module</td>
</tr>
<tr>
<td>Fingerprint comparing mode</td>
<td>1:1 and 1:N</td>
</tr>
<tr>
<td>Fingerprint recognition duration</td>
<td>&lt; 1 s</td>
</tr>
<tr>
<td>Fingerprint False Acceptance Rate (FAR)</td>
<td>≤ 0.001 %</td>
</tr>
<tr>
<td>Fingerprint False Rejection Rate (FRR)</td>
<td>≤ 0.01 %</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Others</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>5 VDC/1 A</td>
</tr>
<tr>
<td>Working temperature</td>
<td>-10 °C to +55 °C (14 °F to +131 °F)</td>
</tr>
<tr>
<td>Working humidity</td>
<td>10% to 90% (no condensing)</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Dimensions</td>
<td>140 mm × 155 mm × 30 mm (5.51” × 6.01” × 1.18”)</td>
</tr>
<tr>
<td>Application environment</td>
<td>Indoor</td>
</tr>
<tr>
<td>Installation</td>
<td>Wall mounting</td>
</tr>
</tbody>
</table>

### Dimension

![Dimension Diagram](image-url)
Available Model
DS-K1A8503F