DS-K1T804 Series
Fingerprint Access Control Terminal

Available Models
DS-K1T804F (Fingerprint)
DS-K1T804EF (EM Card, Fingerprint)
DS-K1T804MF (M1 Card, Fingerprint)

Features

- Person information structure: based on employee ID
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Supports multiple languages: English, Vietnamese, Brazilian Portuguese, Spanish, French, Italian, Arabic, and Thai
- Accesses to public network via EHome 4.0 or 5.0 protocol, and sets EHome parameters on the client or device
- Integrated management of access control and the attendance
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Remotely registers fingerprints from the terminal to software
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records
- Two attendance authentication modes: authentication by person, authentication by device
- Stand-alone operation: locally add person, card and fingerprint information
- Exports the swiping card data and the attendance report to the USB flash drive
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured
- Generates the attendance report automatically and view the attendance data easily
- The third party bell access
- Tamper alarm and duress alarm function
- Connects the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed
- Supports the third party alarm input

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>DS-K1T804F</th>
<th>DS-K1T804MF</th>
<th>DS-K1T804EF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Linux</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>Up to 3000 valid cards; Up to 100,000 event records; Up to 150,000 attendance records</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fingerprint capacity</td>
<td>Up to 3000 fingerprints; up to 10 fingerprints for each person</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fingerprint Comparing Mode</td>
<td>1:1 and 1:N, N=3000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Card reading response duration</td>
<td>&lt; 1 s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fingerprint authentication duration</td>
<td>&lt; 1 s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FAR (False Acceptance Rate)</td>
<td>≤ 0.001 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRR (False Rejection Rate)</td>
<td>≤ 0.01 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fingerprint recognizer</td>
<td>Optical fingerprint recognizer module</td>
<td></td>
<td></td>
</tr>
<tr>
<td>External card reader</td>
<td>Standard Wiegand26/34</td>
<td>Supports Mifare card, including cards with special shapes; Supports reading card in metal environment</td>
<td>Supports EM card, including cards with special shapes; Supports reading card in metal environment</td>
</tr>
<tr>
<td>Card Reading Distance</td>
<td>/</td>
<td>Supports Mifare card, including cards with special shapes; Supports reading card in metal environment</td>
<td>Supports EM card, including cards with special shapes; Supports reading card in metal environment</td>
</tr>
<tr>
<td>Card reading distance</td>
<td>/</td>
<td>0 to 4.5 cm</td>
<td>0 to 5 cm</td>
</tr>
<tr>
<td>Keypad</td>
<td>Keypad (backlight)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reset key</td>
<td>× 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication interface</td>
<td>TCP/IP, RS-485 (for secure door control unit), Wiegand output (W26/W34) and input (Wiegand 26/34)</td>
<td>TCP/IP, RS-485 (for secure door control unit), Wiegand output (W26/W34) and input (Wiegand 26/34)</td>
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</tr>
<tr>
<td>Wi-Fi</td>
<td>Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wiegand interface</td>
<td>Output: Wiegand 26/34; Input: Wiegand 26/34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transmission rate</td>
<td>TCP/IP: 10/100Mbps, self-adaptive; RS-485: 19200 bps-N-8-1</td>
<td></td>
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<tr>
<td>Input interface</td>
<td>Exit button × 1, door contact × 1 and alarm input × 1</td>
<td></td>
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<tr>
<td>Output interface</td>
<td>Relay (lock output) × 1, and alarm output × 1</td>
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<tr>
<td>USB</td>
<td>USB 2.0; type A</td>
<td></td>
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<tr>
<td>LCD screen</td>
<td>2.4-inch (320× 240 LCD-TFT display screen)</td>
<td></td>
<td></td>
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<tr>
<td>Audio</td>
<td>1 buzzer and 1 loudspeaker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED indicator</td>
<td>Power/status (red/green)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>12 VDC/1 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working temperature</td>
<td>-10 °C to +55 °C (14 °F to +131 °F)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td>DS-K1T804F</td>
<td>DS-K1T804MF</td>
<td>DS-K1T804EF</td>
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<tr>
<td>-----------</td>
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<tr>
<td>Working humidity</td>
<td>10% to 90% (no condensing)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tamper-proof</td>
<td>Support</td>
<td></td>
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<tr>
<td>Color</td>
<td>Black (included), gold (optional), silver (optional), white (optional)</td>
<td></td>
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<tr>
<td>Dimension (L × W × H)</td>
<td>205 mm × 76.5 mm × 37 mm (8.07” × 3.01” × 1.46”)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Installation</td>
<td>Surface mounting, metal door mounting, installation with gang box</td>
<td></td>
<td></td>
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</tbody>
</table>

**Appearance**

Black  
Gold  
Silver  
White

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