BioStation L2
Fingerprint IP Access Terminal

Suprema BioStation L2 is an essential fingerprint terminal that provides comprehensive access control and time attendance features based on Suprema’s next generation biometric technology and security platform. Designed for all type of time-attendance applications, BioStation L2 provides exceptional value by combining World’s best Suprema fingerprint algorithm, high performance and enhanced security features.
### Features

**Best-in-class Performance**
- Latest Suprema algorithm
- 1.2GHz Quad-Core CPU
- Up to 150,000 matches per second (genuine)

**Improved Accuracy & Security**
- New advanced LFD (live finger detection) technique
- Improved OPS optical sensor and algorithm

**Expanded Capacity**
- Max. 500k users / 1 million text logs
- Large memory: 2GB Flash + 256 MB RAM

**Full Time Attendance Features**
- 2-inch color LCD with intuitive GUI
- Full time and attendance functionality
- 3 x 4 numeric touch keypad

**Versatile Interfaces/RF options**
- Wiegand, RS485, TTL I/O, relay
- 125KHz EM & 13.56 MHz Mifare, DESFire EV1/EV2*, FeliCa, NFC
- 1.2 GHz Quad-Core
- 2GB Flash + 256 MB RAM
- 500,000(1:N), 100,000(1:N)
- 1,000,000(1:N)
- 1,000,000(text)
- 2-inch color LCD
- 16-bit Hi-Fi
- 10/100 Mbps, auto MDI/MDI-X
- 1ch host or slave (selectable)
- 1ch input or output (selectable)
- 2ch input
- 1 Relay
- Supported
- 12V
- -20°C ~ 50°C (-4°F ~ 122°F)
- 0% ~ 80%, non-condensing
- 71 x 201 x 44 (bottom)/34 mm(top)
- 2ch input
- Device: 280g (0.62lb)
- Bracket: 61g (0.13lb) including washers/bolts
- CE, FCC, KC, RoHS, REACH, WEEE

### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biometric</td>
<td>Fingerprint</td>
</tr>
<tr>
<td>Template</td>
<td>SUPREMA/ISO 19794-2/ANSI 378</td>
</tr>
<tr>
<td>Extractor / Matcher</td>
<td>MINEX certified and compliant</td>
</tr>
<tr>
<td>LFD</td>
<td>Supported</td>
</tr>
<tr>
<td>RF Option</td>
<td>125 KHz EM &amp; 13.56 MHz Mifare, DESFire EV1/EV2*, FeliCa, NFC</td>
</tr>
<tr>
<td>CPU</td>
<td>1.2 GHz Quad-Core</td>
</tr>
<tr>
<td>Memory</td>
<td>2GB Flash + 256 MB RAM</td>
</tr>
<tr>
<td>Max. User</td>
<td>500,000(1:N), 100,000(1:N)</td>
</tr>
<tr>
<td>Max. Template</td>
<td>1,000,000(1:N), 200,000(1:N)</td>
</tr>
<tr>
<td>Max. Logs</td>
<td>1,000,000(text)</td>
</tr>
<tr>
<td>LCD</td>
<td>2-inch color LCD</td>
</tr>
<tr>
<td>Sound</td>
<td>16-bit Hi-Fi</td>
</tr>
<tr>
<td>Ethernet</td>
<td>10/100 Mbps, auto MDI/MDI-X</td>
</tr>
<tr>
<td>RS-485</td>
<td>1ch host or slave (selectable)</td>
</tr>
<tr>
<td>Wiegand</td>
<td>1ch input or output (selectable)</td>
</tr>
<tr>
<td>TTL</td>
<td>2ch input</td>
</tr>
<tr>
<td>Relay</td>
<td>1 Relay</td>
</tr>
<tr>
<td>Tamper</td>
<td>Supported</td>
</tr>
<tr>
<td>Power</td>
<td>DC 12V</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20°C ~ 50°C (-4°F ~ 122°F)</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>0% ~ 80%, non-condensing</td>
</tr>
<tr>
<td>Dimensions (WxHxD, mm)</td>
<td>71 x 201 x 44 (bottom)/34 mm(top)</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>Device: 280g (0.62lb)</td>
</tr>
<tr>
<td>Certificates</td>
<td>Bracket: 61g (0.13lb) including washers/bolts</td>
</tr>
</tbody>
</table>

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards.
* CSN and smart card functions are compatible with BioStation L2.

### System Configurations

- **Input**
- **USB**
- **Relay**

**Standalone-Secure**
- Secure I/O 2
- Biostation L2

**Standalone**
- Biostation L2

**Remote Access**
- Biostation L2

**Internet**
- Biostation 2 Server

**WAN**
- USB

**Web Browser**
- (Biostation 2 Client)

**Distributed Access Control Systems**
- Reader
- Biostation L2

---

**Suprema Inc.**

17F Parkview Tower, 248, Jeongjail-ro, Bundang-gu, Seongnam-si, Cyeonggi-do, 13554, Republic of Korea

T +82 31 783 4502  E sales.Sys@supremainc.com

www.supremainc.com

©2023 Suprema Inc. Suprema and identifying product names and numbers herein are registered trade marks of Suprema Inc. All non-Suprema brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status and/or specifications are subject to change without notice. [SUPREMA-AHL-BSL2-EN-REV04]