Extraordinary Performance for the Most Extreme Environments

Designed for access control in the rain, sleet, snow and desert conditions. Our IP 65 rated solution is built to address your concerns and perform in moderate to the most extreme outdoor conditions. Confidently deploy a biometric device created for organizations that cannot compromise on security regardless of the weather.

Prepare for the Demands of Today and the Future with a Scalable Platform

Quick throughput, deployment flexibility, and the ability for the system to expand over time address today’s demands and are drivers for future requirements.

- Ensure employees gain access fast. 4G searches 6,000 templates per second.
- Accommodate enterprise installs with storage of 100,000 templates for 1:1 verification.
- Eliminate the need for cards and PINs - store 10,000 templates for 1:N. (50,000 with binning)

Meet Challenging Security Requirements

A full range of options are available for different security requirements.

- Remove install constraints with options for single-, two- or three-factor authentication.
- Reduce cost and complexity with built-in door relay and controls.
- Identity users with wet, greasy, severely dry, and many cut or damaged fingers.

Reduce Maintenance Costs

Save time and drive down the cost of ownership with a communication-ready connected smart device, containing new installation and maintenance capabilities.

- Leverage the latest communication standards - Full Ethernet, POE, with optional Wireless LAN (WiFi)
- Take full advantage of IP connectivity for remote device management.

Increase Workforce Management Efficiency

Address workforce management issues with biometric enabled Time and Attendance capabilities.

- Improve communication by sending real-time workforce notifications.
- Provide clear instructions with programmable function keys for Time & Attendance.
- Eliminate lost transactions with the capability to store 1 Million transaction logs.
4G V-Station Extreme™
Product Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Height 7.2”(181 mm) Width 10.0”(254 mm) Depth 4.3”(109mm) With TEC Module - Height 8.4”(213 mm) Width 10.0”(254 mm) Depth 5.4”(137mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingress-protection rating</td>
<td>IP 65</td>
</tr>
<tr>
<td>NEMA Rating</td>
<td>NEMA 4X (Undamaged by water and formation of ice, protection of corrosion)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>With TEC Module (Thermo Electric Cooler) -25°C to +70°C -13°F to +158°F Without TEC Module -25°C to +50°C -13°F to +122°F</td>
</tr>
<tr>
<td>Communications</td>
<td>Networking Options: LAN, WAN, RS485, Optional Wireless LAN PC Connection: USB, RS232</td>
</tr>
<tr>
<td>External Media</td>
<td>USB memory</td>
</tr>
<tr>
<td>Input / Outputs</td>
<td>Wiegand (Customizable format up to 254 bits) 3 General Purpose Inputs 3 General Purpose Outputs (Extendable to 6 outputs)</td>
</tr>
<tr>
<td>Fingerprint Sensor Options</td>
<td>Lumidigm</td>
</tr>
<tr>
<td>Internal Card Reader Options</td>
<td>Prox, iClass, MIFARE/DESFire</td>
</tr>
<tr>
<td>Template Storage Capacity</td>
<td>100,000 per unit for 1:1 verification 10,000 per unit in 1:N identification (Standard) 50,000* per unit in 1:N identification (Optional) “Enabled with binning”</td>
</tr>
<tr>
<td>Transaction Log Capacity</td>
<td>1 Million transaction logs stored on device</td>
</tr>
<tr>
<td>Authentication Modes</td>
<td>4G V-Station Extreme (Base) • Finger Only • Finger + PIN • PIN Only • Finger + Card or PIN (with an external Wiegand reader) 4G V-Station Extreme (Prox) • Prox Card + Finger • Prox Card Only • Finger Only • Finger + PIN • PIN Only • Prox Card + PIN + Finger 4G V-Station Extreme (Smart Card) • Smart Card + Finger • Smart Card + PIN • Smart Card + Finger + PIN</td>
</tr>
<tr>
<td>Template Support</td>
<td>Bioscrypt Pattern and Minutia</td>
</tr>
<tr>
<td>Display</td>
<td>3.5” QVGA Color LCD</td>
</tr>
<tr>
<td>Speaker</td>
<td>Full Audio Support</td>
</tr>
<tr>
<td>Keypad</td>
<td>3x4 Backlit Keypad (Blue) 4 Programmable Function Keys for Time &amp; Attendance Multi Directional Navigation Keys</td>
</tr>
<tr>
<td>Voltage</td>
<td>Reader 12 - 24V DC / TEC Module 12-24V DC</td>
</tr>
<tr>
<td>Current Draw</td>
<td>Reader 3 amps @ 12 VDC TEC Module 10amps @ 12 VDC</td>
</tr>
<tr>
<td>Power Over Ethernet (POE)</td>
<td>Standard</td>
</tr>
<tr>
<td>Power Indicator</td>
<td>LED indicator (Blue)</td>
</tr>
<tr>
<td>Integrated Door Relay</td>
<td>Deadbolt, electromagnetic (EM) lock, door strike, automatic door</td>
</tr>
<tr>
<td>Mounting</td>
<td>Flush mount option available</td>
</tr>
<tr>
<td>Safety Approvals</td>
<td>UL 294 (Pending)</td>
</tr>
<tr>
<td>Regulatory Approvals and Certifications</td>
<td>FCC, CE (R&amp;TTE), RoHS</td>
</tr>
<tr>
<td>Administration Software Options</td>
<td>Works with SecureAdmin™ software or SecureSDK™</td>
</tr>
</tbody>
</table>

Device Models
- 4G V-Station Extreme (Base)
- 4G V-Station Extreme (Prox) Integrated Prox Card Reader
- 4G V-Station Extreme (iClass) Integrated Contactless Smart Card Reader
- 4G V-Station Extreme (MIFARE / DESFire) Integrated Contactless Smart Card Reader

Call or email us to **Schedule** an appointment today for a solution overview and demo.

Device Options
- 1:50k Matching with Binning (only available on Base and Prox)
- Integrated Thermo Electric Cooler Module (TEC Module) Available on all Models (includes flush mount back-plate)
- Integrated Wireless LAN

About L-1 Identity Solutions
Enterprise Access Division
With over 350,000 readers deployed in over 90 countries, the Enterprise Access Division of L-1 protects and secures identities and assets by helping customers address demanding access control and identity authentication requirements with innovative and reliable systems.

Our Advantage:
- One of the most established companies that specialize in biometric access control solutions.
- Market-tested and customer proven solutions that are interoperable, and designed to grow with you.
- Knowledgeable technical support team ready to help answer your questions and get you up and running.

The L-1 Enterprise Access Division
Americas
Sales-EnterpriseAccess@L1ID.com
800 444 0496 • 905 940 7490

International
Sales-Intl-EnterpriseAccess@L1ID.com
+41 22 849 1051
Offices
Canada • United States • Switzerland
www.L1ID.com/EnterpriseAccess

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International
Sales-Intl-EnterpriseAccess@L1ID.com
+41 22 849 1051
Offices
Canada • United States • Switzerland
www.L1ID.com/EnterpriseAccess

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