



BIOSCRYPT  
ENTERPRISE ACCESS SOLUTIONS



# 4G V-Station *Extreme*™

## Features at a glance

- IP 65 rated for operating in Severe Downpours, Ice and Snow
- Lumidigm Sensor for Consistent Outdoor Authentication Capabilities
- Identity users with Wet, Greasy, and Many Cut or Damaged Fingers.
- Fake Fingerprint / Anti-Spoofing Capabilities
- Wide Temperature Range for Sub-zero Climates and the Hottest Desert. (-25 to +70 C) -13° to +158°F
- Store 100,000 templates in 1:1 and up to 50,000 in 1:N with bins.
- Optional Integrated Card Readers (Prox, iClass, or MIFARE / DESFire)
- Full Color 3.5 inch LCD Screen
- Programmable Function Keys
- Backwards Compatible
- Remote Device Management
- Full IP and POE Enabled (Optional Wireless LAN)
- Time & Attendance Programmable F-Keys
- Standalone Door Access Control (SDAC) Capabilities
- UL 294 (pending approval)

## 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



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<b>Dimensions</b>	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)
<b>Ingress-protection rating</b>	IP 65
<b>NEMA Rating</b>	NEMA 4X (Undamaged by water and formation of ice, protection of corrosion)
<b>Operating Temperature</b>	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
<b>Communications</b>	<b>Networking Options:</b> LAN, WAN, RS485, Optional Wireless LAN <b>PC Connection:</b> USB, RS232
<b>External Media</b>	USB memory
<b>Input / Outputs</b>	Wiegand (Customizable format up to 254 bits) 3 General Purpose Inputs 3 General Purpose Outputs (Extendable to 6 outputs)
<b>Fingerprint Sensor Options</b>	Lumidigm
<b>Internal Card Reader Options</b>	Prox, iClass, MIFARE/DESFire
<b>Template Storage Capacity</b>	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
<b>Transaction Log Capacity</b>	1 Million transaction logs stored on device
<b>Authentication Modes</b>	<b>4G V-Station Extreme (Base)</b> <ul style="list-style-type: none"> <li>Finger Only</li> <li>Finger + PIN</li> <li>PIN Only</li> <li>Finger + Card or PIN (with an external Wiegand reader)</li> </ul> <b>4G V-Station Extreme (Prox)</b> <ul style="list-style-type: none"> <li>Prox Card + Finger</li> <li>Prox Card Only</li> <li>Finger Only</li> <li>Finger + PIN</li> <li>PIN Only</li> <li>Prox Card + PIN + Finger</li> </ul> <b>4G V-Station Extreme (Smart Card)</b> <ul style="list-style-type: none"> <li>Smart Card + Finger</li> <li>Smart Card + PIN</li> <li>Smart Card + Finger + PIN</li> </ul>
<b>Template Support</b>	Bioscrypt Pattern and Minutia
<b>Display</b>	3.5" QVGA Color LCD
<b>Speaker</b>	Full Audio Support
<b>Keypad</b>	3x4 Backlit Keypad (Blue) 4 Programmable Function Keys for Time & Attendance Multi Directional Navigation Keys
<b>Voltage</b>	Reader 12 - 24V DC / TEC Module 12-24V DC
<b>Current Draw</b>	Reader 3 amps @ 12 VDC TEC Module 10amps @ 12 VDC
<b>Power Over Ethernet (POE)</b>	Standard
<b>Power Indicator</b>	LED indicator (Blue)
<b>Integrated Door Relay</b>	Deadbolt, electromagnetic (EM) lock, door strike, automatic door
<b>Mounting</b>	Flush mount option available
<b>Safety Approvals</b>	UL 294 (Pending)
<b>Regulatory Approvals and Certifications</b>	FCC, CE (R&TTE), RoHS
<b>Administration Software Options</b>	Works with SecureAdmin™ software or SecureSDK™

### 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

### Device Options

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

Call or email us to [Schedule](#) an appointment today for a solution overview and demo.

### 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

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