



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

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

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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