L-1 IDENTITY SOLUTIONS™

BIOSCRYPT
ENTERPRISE ACCESS SOLUTIONS

4G FingerVein Station™

Features at a glance

• Largest Template Capacity in the Industry (500,000 in 1:1)

• Optional Integrated Card Readers (Prox, iClass, or MIFARE / DESFire)

• 4G fingerprint and 4G finger vein devices can be used together for mixed installation requirements

• A single application, SecureAdmin, is used to monitor and control all 4G devices.

• Full Color 2.5 inch LCD Screen and Integrated PIN pad

• Programmable Function Keys for up to 16 Time & Attendance Commands

• Industry Leading Finger Vein Sensor Technology from Hitachi

• Field Replaceable Sensor

• Full IP and POE Enabled (Optional Wireless LAN)

• Standalone Door Access Control (SDAC) Capabilities

• Tamper Detection

Finger Vein Benefits

• The use of near-infrared light to gather biometric data means that the condition of the skin surface does not affect accurate processing.

• Veins are inside the body, invisible to the eye, and not accessible. Therefore, it is extremely difficult to forge and impossible to manipulate.

• Unique vein patterns plus leading-edge technology translates to high accuracy rates.

A Powerful and Flexible Solution Utilizing Finger Vein Technology

The 4G FingerVein Station is a full featured device utilizing industry leading finger vein technology and is built on the L-1 4G multi-biometric platform. The device unleashes a combination of power, usability and design to address Access Control and Time & Attendance requirements of any size anywhere around the world.

Up to 16 Time & Attendance Commands

Finger Vein Sensor Technology From Hitachi

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 fast access with proven finger vein technology
• Accommodate enterprise installs with storage of 500,000 templates for 1:1 verification
• Eliminate the need for cards and PINs - store 1,000 templates for 1:N.

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
• Add safety and security measures for employees with the duress finger option.

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. (Ethernet, POE, and Wireless LAN (WiFi)
• Quickly perform maintenance with our innovative field replaceable sensor modules.
• Take full advantage of IP connectivity for remote device management.

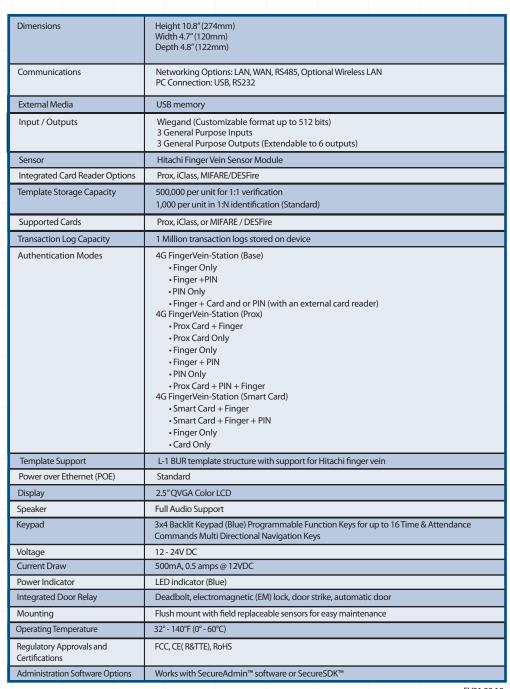### Increase Workforce Management Efficiency

Address workforce management with biometric enabled Time & 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 FingerVein Station™
Product Specifications

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Dimensions	Height 10.8" (274mm) Width 4.7" (120mm) Depth 4.8" (122mm)
Communications	Networking Options: LAN, WAN, RS485, Optional Wireless LAN PC Connection: USB, RS232
External Media	USB memory
Input / Outputs	Wiegand (Customizable format up to 512 bits) 3 General Purpose Inputs 3 General Purpose Outputs (Extendable to 6 outputs)
Sensor	Hitachi Finger Vein Sensor Module
Integrated Card Reader Options	Prox, iClass, MIFARE/DESFire
Template Storage Capacity	500,000 per unit for 1:1 verification 1,000 per unit in 1:N identification (Standard)
Supported Cards	Prox, iClass, or MIFARE / DESFire
Transaction Log Capacity	1 Million transaction logs stored on device
Authentication Modes	4G FingerVein-Station (Base) • Finger Only • Finger +PIN • PIN Only • Finger + Card and or PIN (with an external card reader) 4G FingerVein-Station (Prox) • Prox Card + Finger • Prox Card Only • Finger Only • Finger + PIN • PIN Only • Prox Card + PIN + Finger 4G FingerVein-Station (Smart Card) • Smart Card + Finger • Smart Card + Finger + PIN • Finger Only • Card Only
Template Support	L-1 BUR template structure with support for Hitachi finger vein
Power over Ethernet (POE)	Standard
Display	2.5" QVGA Color LCD
Speaker	Full Audio Support
Keypad	3x4 Backlit Keypad (Blue) Programmable Function Keys for up to 16 Time & Attendance Commands Multi Directional Navigation Keys
Voltage	12 - 24V DC
Current Draw	500mA, 0.5 amps @ 12VDC
Power Indicator	LED indicator (Blue)
Integrated Door Relay	Deadbolt, electromagnetic (EM) lock, door strike, automatic door
Mounting	Flush mount with field replaceable sensors for easy maintenance
Operating Temperature	32° - 140°F (0° - 60°C)
Regulatory Approvals and Certifications	FCC, CE(R&TTE), RoHS
Administration Software Options	Works with SecureAdmin™ software or SecureSDK™

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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.

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Device Models

4G FingerVein Station (Base)
4G FingerVein-Station (Prox) Integrated Prox Card Reader
4G FingerVein-Station (iClass) Integrated Contactless Smart Card Reader
4G FingerVein-Station (MIFARE / DESFire) Integrated Contactless Smart Card Reader

Device Options

- Wireless LAN
- Demo Stand