

L-1 Identity Solutions –
 Delivering Expertise in
 Enterprise Access Control

Invest in solutions from the industry leader in biometric access control. Organizations that cannot afford to compromise on security rely on us. We are a pioneer in the use of biometrics for access control and are dedicated to protecting government sites and businesses around the world.

L-1 fingerprint reader solutions combine:

SPEED – Authenticate users in under a second for instantaneous access and high throughput

ACCURACY – Industry leading algorithm ensures secure and dependable authentication

LOW COST OF OWNERSHIP – Our family of interoperable fingerprint readers reduce the need for costly re-enrollments

PROVEN PERFORMANCE – Over 290,000 readers deployed worldwide with millions of templates generated. Over 15 years of biometric R&D expertise provides a solid backbone for our innovative solutions

L-1 Fingerprint Reader Solutions Bioscrypt V-Station™

Strong Security with Multi-factor Authentication Combining Fingerprint, Cards and PINs

Keep corporate assets safe and restricted areas secure from unauthorized access while quickly granting entrance to personnel with L-1 fingerprint reader solutions. Protect assets with multi-factor authentication using PINs, proximity cards, smart cards and biometrics.

Biometrics in combination with another factor such as cards ensures employees do not gain access through unauthorized exchange or misuse of unreported lost cards. And reduce administrative and human resource costs while quickly give employees secure access to restricted areas — it is as simple as the touch of a finger.

Multi-Factor Authentication

- Flexible options for single-, two- or three-factor authentication – all in a self contained terminal
- Triple-layer security: Who You Are (biometric), used with What You Have (card), and What You Know (PIN)
- All models come standard with integrated PIN pad to support 1:1 verification
- Range of models with integrated card reader support MIFARE®, iCLASS™ or Prox cards
- Duress finger option

Configurable User Base

- Unlimited template storage for 1:1 verification when using smart cards
- Store ~3,550 templates for 1:1 verification or ~500 templates for 1:N identification
- Store up to 8,192 time-stamped transactions in terminal; capability to set schedules to auto upload to host
- Configurable biometric verification schedules – turn biometrics on/off according to the time of day
- 64 scheduling options with 58 definable to accommodate a workforce with multiple shifts

TSA Approval

- U.S. Transportation Security Administration (TSA) has placed V-Station MIFARE on its Qualified Products List (QPL) to secure restricted areas at U.S. airports

Easy Installation & Use

- Plug-and-play installation
- VeriAdmin software for quick and easy initial set-up, template management and device/network configuration
- Self-contained fingerprint unit performs enrollment and verification
- Flexible communication options support Wiegand formats up to 64 bits
- Multiple template administration options include device keypad, command cards for enroll and delete functions, or local or network connections through VeriAdmin
- Ethernet capability (LAN)
- Works with most standard existing access control systems



SPECIFICATIONS

DIMENSIONS	Length 5.7" (146 mm) Width 6.5" (164 mm) Depth 3.1" (78 mm)
COMMUNICATIONS	Wiegand IN/OUT TTL IN/OUT RS-485 (Host) with RJ-45 connector RS-232 (Host) with RJ-11 connector Ethernet (LAN) with RJ-45 connector USB AUX port connection
TEMPLATE CAPACITY	~3,550 per unit for 1:1 verification (unlimited when used with smart cards) or ~500 per unit in 1:N identification
TEMPLATE SIZE	~350 bytes for 1:1 verification or ~2,500 bytes for 1:N identification
STANDARD COMPATIBILITY	Unit supports any 5 Volt based Weigand system supporting 26bit standard Weigand format
FINGERPRINT SENSOR	Authentec AFS2
OPTICAL SENSOR MODELS	Refer to Bioscrypt V-Station (Optical Sensor) datasheet
VOLTAGE	12.5 - 24 VDC
CURRENT DRAW	Idle: 0.50 amps @12 VDC; Max: 1.00 amps @ 12 VDC
POWER INDICATOR	Blue LED power indicator (iCLASS model has green LED)
MOUNTING	Triple-gang; Mounting plate accepts #6 screws or bolts
OPERATING TEMPERATURE	32° - 140°F (0° - 60°C)
OUTDOOR ENCLOSURE	Available, contact sales for information
SOFTWARE OPTIONS	Works with VeriAdmin software or BIO-SDK

ORDERING INFORMATION

BASE MODELS

Unit	V-Station-A,R ~3,550 templates with PIN pad for 1:1 verification or ~500 templates for 1:N identification
Desktop Version	Desktop VN-A,R
Demo Kit	Demo VN-A,R Includes five Prox cards

Certifications: FCC, CE, UL294, cUL, RoHS

MIFARE MODELS

Unit	V-Station-A-G,R 1:1 verification with integrated Gemalto MIFARE smart card reader
Desktop Version	Desktop VN-A-G,R
Demo Kit	Demo VN-A-G,R Includes five MIFARE cards

Certifications: FCC, CE, UL294, cUL, RoHS, TSA QPL

Supported Cards: Commonly used cards include GemEasy 8000, HID 1430, and HID 1431 (request HID cards unprogrammed on the MIFARE side); Contact sales for complete list of supported cards

PROXIMITY MODELS

Unit	V-Station-A-P,R ~3,550 templates for 1:1 verification with integrated HID proximity card reader
Desktop Version	Desktop VN-A-P,R
Demo Kit	Demo VN-A-P,R Includes five Prox cards

Certifications: FCC, CE, UL294, cUL, RoHS

iCLASS MODELS

Unit	V-Station-A-H 1:1 verification with integrated HID iCLASS smart card reader
Desktop Version	Desktop VN-A-H
Demo Kit	Demo VN-A-H Includes five iCLASS cards

Certifications: FCC, CE, UL294, cUL

Supported Cards: HID iCLASS smart cards, 16kbits and 32kbits

All units include wall mounting kit, VeriAdmin software and USB administrator cable

Desktop readers are mounted on a plastic stand and include 120V standard North American power cord

Demo units are mounted on a plastic stand, include storage case, 120V standard North American power cord and five cards (base models do not contain cards)



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