



BIOSCRYPT
ENTERPRISE ACCESS SOLUTIONS

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-Smart™

Two-factor Authentication Combining Fingerprint and Contactless Smart Cards

Meet compliance regulations requiring strong authentication when you verify employee identities with L-1's fingerprint reader solution with two-factor authentication. Give employees the security – and peace of mind – of carrying their fingerprint templates with them.

Strong Authentication

- Two-factor authentication – Who You Are (biometric) used with What You Have (card)
- Address privacy concerns by giving users the ability to control their own biometric templates
- Duress finger option

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 (via VeriAdmin) and verification
- Flexible communication options support Wiegand formats up to 64 bits
- Works with most standard existing access control systems

Unlimited User Base

- On-card template storage provides limitless user base expansion
- Supports MIFARE® or iCLASS™ contactless smart cards



SPECIFICATIONS

DIMENSIONS	Length 5.12" (130 mm) Width 4.65" (118 mm) Depth 2.5" (63.5 mm)
COMMUNICATIONS	RS-232, RS-485 with pigtail wire connection Wiegand IN/OUT USB AUX port connection
TEMPLATE CAPACITY	On-card template storage provides limitless user base expansion
TEMPLATE SIZE	~350 bytes
STANDARD COMPATIBILITY	Unit supports any 5 Volt based Wiegand system supporting 26bit standard Wiegand format
VOLTAGE	9 - 24 VDC for MIFARE or 12 VDC for iCLASS
CURRENT DRAW	Idle: 0.20-0.50 amps @12 VDC; Max: 0.50 amps @ 12 VDC (Recommend reserve 0.50 amps @12 VDC)
POWER INDICATOR	Blue LED for MIFARE or green LED for iCLASS
MOUNTING	Flat surface or double-gang mountable 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

MIFARE MODELS

Unit	V-Smart-A,R Unlimited cardholders with integrated Gemalto MIFARE smart card reader
Desktop Version	Desktop VT,R
Demo Kit	Demo VT,R Includes five MIFARE cards
Certifications	FCC, CE, UL294, cUL, RoHS
Supported Cards	Commonly used cards include GemEasy 8000 and GemEasy 32000, HID 1430, HID 1431, HID 1440 and HID 1441 (request HID cards unprogrammed on the MIFARE side); Contact sales for a complete list of supported cards

iCLASS MODELS

Unit	V-Smart-A-H Unlimited cardholders with integrated iCLASS smart card reader
Desktop Version	Desktop VTi
Demo Kit	Demo VTi Includes five iCLASS cards
Certifications	FCC, CE, UL294, cUL
Supported Cards	HID iCLASS smart cards, 16kbits and 32kbits

MIFARE models include wall mounting kit, VeriAdmin software and USB administrator cable

iCLASS models include wall mounting kit, VeriAdmin software and RJ11 – DB9 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



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