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V-SMART iCLASS™

V-Smart *iCLASS*, a practical and affordable two-in-one reader solution, combines the high security of Bioscrypt's proven fingerprint matching technology with support for *iCLASS* contactless smart cards from HID. The V-Smart *iCLASS*, optimized for access control and multiple applications, delivers the security and versatility of smart cards, yet retains the affordability and convenience of proximity cards. Offering one-to-one biometric template authentication, the V-Smart *iCLASS* reader provides traditional access control customers fast throughput and individual privacy.

Benefits

- Portable Database – fingerprints are stored on the card and not on the reader

- 16K bits storage capability

- Dual-factor authentication

- Advanced fingerprint algorithm maintains accuracy when presented with fluctuations to the fingertip

- Designed to work with existing access control systems

- Unlimited users

- Compact modular design

- Double-gang surface mount

- Convenient VeriAdmin software package provides simple template enrollment and administration capabilities

- Multi-color LED and tone signal

Making Life Simpler and More Secure

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V-SMART *iCLASS*™

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on board

Specifications

Dimensions:	Length: 130mm (5.12")
	Width: 118mm (4.65")
	Depth: 63.5mm (2.5")
Communications:	Pigtail wire connection for RS 232, RS 485, Wiegand in/out
Enrollment Time:	‹ 5 seconds
Verification Time:	‹ 2 seconds
Equal Error Rate:	0.1%
Template Size:	‹ 350 bytes
Current Draw Idle:	0.20 amps @ 12 V
Identify / Enroll:	0.25 amps @ 12V
Voltage:	8V to 12V DC

Mounting

Flat surface, double-gang compatible. Mounting place will accept #6 screws or bolts. Clearance hole diameter is 0.155".

Ordering Information

V-SMART-H: Fingerprint reader with internal iCLASS contactless smart card reader

BIO-SDK: Common Development Software CD (supports MV1200, V-Prox, V-Flex, V-Smart, V-Pass and V-Smart *iCLASS*)

ADMIN–KIT: VeriAdmin CD, Setup guide documentation, aux programming cable

CARDS SUPPORTED: HID *iCLASS* contactless smart cards

About Bioscrypt Inc.

Bioscrypt Inc. is a leading provider of advanced fingerprint technology. The company's solutions combine the convenience of touch with the high security of fingerprint-based biometrics for simple and secure access to facilities, equipment and information. Using the Bioscrypt-on-Board™ brand, the company offers packaged products, OEM components and software licensing to leading security solution manufacturers and integrators worldwide for physical, wireless and network security applications.

The symbol Bioscrypt-on-Board™ signifies that Bioscrypt Inc.'s high standards of biometric quality and security reside within that product.