

V-SMART™

VERIFICATION

Making life **simpler** and more **secure**

V-Smart is a practical and affordable dual-verification reader that combines the high security of Bioscrypt's proven fingerprint matching technology with support for contactless smart cards. Offering one-to-one biometric template verification, the V-Smart reader provides traditional access control customers fast throughput and individual privacy.

BENEFITS

Industry's most accurate fingerprint algorithm
(#1 at FVC 2002 and FVC 2004)

Unlimited cardholders – fingerprint templates are stored on the smart card

Supports iCLASS™ or MIFARE® contactless smart card technology

Dual-factor authentication

VeriAdmin software, included free of charge, offers a simple approach to template management (enrollment, distribution) and reader configuration

Compact modular design

Intuitive user interface with red, amber and green LED and tone signals

Flexible communication options supporting Wiegand formats up to 64 bits

Duress finger option

Compatible with Bioscrypt's complete line of Veri-Series readers, MV1200/MV-Lite and Bioscrypt's Identity Manager

Making life **simpler** and more **secure****TECHNICAL INFORMATION****V-Smart MIFARE®****DIMENSIONS:**

Length: 130 mm (5.12")

Width: 118 mm (4.65")

Depth: 63.5 mm (2.5")

**COMMUNICATIONS:**

Digital wire connection for RS 485, Wiegand IN/OUT.
RJ11 aux port connection for RS 232.

Algorithm Type: Verification (1:1)

Enrollment Time: < 5 seconds

Verification Time: < 2 seconds

(EER) Equal Error Rate (FAR=FRR): 0.1%

Adjustable FAR and FRR

Template Size: ~ 350 bytes

VOLTAGE:

9-12 V DC

CURRENT DRAW:

Idle: 0.20 amps @ 12 V DC

Max: 0.50 amps @ 12 V DC

MOUNTING:

Flat surface, double-gang compatible.

Mounting plate will accept #8 screws or bolts.

Clearance hole diameter is 0.155".

ORDERING INFORMATION:**V-SMART-A:** Fingerprint reader with integrated

MIFARE® contactless smart card reader

DEMO-VT: V-SMART-A reader mounted on stand,

power supply, case and 5 MIFARE® cards

BIO-SDK: Development software CD

(supports all Bioscrypt products)

CARDS SUPPORTED:

GemEasy 8000, HID 1430 and HID 1431 (request HID
cards unprogrammed on the MIFARE® side), IDentiSMART
Series by IDenticard. Contact Bioscrypt for a complete list
of supported cards

OUTDOOR ENCLOSURE AVAILABLE: Call for information.

Operating temperature: 0° - 60°C

CERTIFICATIONS: FCC, CE, UL294, cUL**V-Smart iCLASS™****DIMENSIONS:**

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Max: 0.50 amps @ 12 V DC

MOUNTING:

Flat surface, double-gang compatible.

Mounting plate will accept #8 screws or bolts.

Clearance hole diameter is 0.155".

ORDERING INFORMATION:**V-SMART-A-H:** Fingerprint reader with integrated

iCLASS™ contactless smart card reader

DEMO-VT-I: V-SMART-A-H reader mounted on

stand, power supply, case and 5 iCLASS™ cards

BIO-SDK: Development software CD

(supports all Bioscrypt products)

CARDS SUPPORTED:

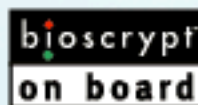
HID 16kbits iCLASS™ contactless smart cards,
Honeywell Access Systems 16kbits OmniSmart™
contactless smart cards

OUTDOOR ENCLOSURE AVAILABLE: Call for information.

Operating temperature: 0° - 60°C

CERTIFICATIONS: FCC, CE, UL294, cUL

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


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