

V-SMART™

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 finger scan 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.

FEATURES

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

Unlimited users – finger scan 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

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TECHNICAL INFORMATION

V-Smart MIFARE®

DIMENSIONS:

Length: 130 mm (5.12")

Width: 118 mm (4.65")

Depth: 63.5 mm (2.5")



COMMUNICATIONS:

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

Algorithm Type: Verification (1:1)
Enrollment Time: < 3 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 #6 screws or bolts.
Clearance hole diameter is 0.155".

ORDERING INFORMATION:

V-SMART-A: Finger scan reader with integrated MIFARE® contactless smart card reader

DESKTOP-VT: V-SMART-A reader mounted on a plastic stand, power supply and CD

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:

GenEasy 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:

Length: 130 mm (5.12")

Width: 118 mm (4.65")

Depth: 63.5 mm (2.5")



COMMUNICATIONS:

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

Algorithm Type: Verification (1:1)
Enrollment Time: < 3 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 #6 screws or bolts.
Clearance hole diameter is 0.155".

ORDERING INFORMATION:

V-SMART-A-H: Finger scan reader with integrated iCLASS™ contactless smart card reader

DESKTOP-VT-i: V-SMART-A-H reader mounted on a plastic stand, power supply and CD

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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