

bioscrypt™

Making Life Simpler and More Secure

Bioscrypt's V-Station incorporates advanced fingerprint technology in a self-contained terminal. The V-Station can support both standard and proprietary communication formats and stores approximately 3550 templates on the unit.



BENEFITS

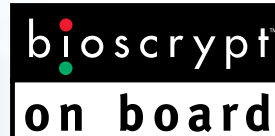
- Simple plug and play installation
- Industry's most accurate fingerprint algorithm (#1 at FVC 2002)
- Supports both standard and proprietary Wiegand formats, RS 232, RS 485 and Ethernet communications
- Generates, maintains and logs approximately 4096 time-stamped transactions
- Optional integrated proximity or contactless smart card reader
- Verification units support triple layer security: What you have (card); Who you are (biometric); What you know (password)
- Compatible with Bioscrypt's complete line of Veri-Series readers
- Integrated 80-character LCD display and numeric keypad
- VeriAdmin software, included free of charge, offers a simple approach to template management (enrollment, distribution) and reader configuration
- Triple-gang or dry wall mounting
- Available SDK for expanded functionality
- Biometric verification schedules – Turn biometrics on/off based on time/day
- User-defined access schedules
- Duress finger option

bioscrypt™
on board

V-STATION™



Technical Information



Dimensions:

Length: 142.9 mm (5.625")
Width: 168.3 mm (6.625")
Depth: 66.7 mm (2.625")



Communications:

RJ11 - RS 232
RJ11 - RS 232 Auxiliary port
RJ45 - RS 485
RJ45 - Ethernet

Terminal Block:

Wiegand, TTL, RS 485, RS 232,
Power and Earth Ground

Verification Unit: (1:1)

Enrollment Time: < 5 seconds
Verification Time: < 1 second
(EER) Equal Error Rate (FAR=FRR): 0.1%
Adjustable FAR and FRR
Number of Templates: ~ 3550 per unit
Template Size: ~ 350 bytes

Identification Unit: (1:n)

Enrollment Time: < 5 seconds
Identification Time: < 2 seconds
False Acceptance Rate (FAR): 0.2%
False Rejection Rate (FRR): 1.0%
Number of Templates: 200 per unit,
optimized for 100
Template Size: ~ 2400 bytes

Voltage:

12.5-24 V DC

Current Draw:

Idle: 0.50 amps @ 12 V DC
Max: 1.00 amps @ 12 V DC

Mounting:

Triple-gang or dry wall. Wall mounting plate will accept #6 screws or bolts. Clearance hole diameter is .155".

Outdoor enclosure available: Call for information.

Operating temperature: 0° - 60°C

Certifications*: FCC, CE, UL294, cUL

*Contact Bioscrypt for more details

All models include the following features: MV1200 OEM module, AuthenTec sensor, keypad, LCD display, RS 232 / RS 485 / Ethernet communications, real-time clock, and log approximately 4096 transactions

Ordering Information:

Base Model

V-STATION-A: Initiate verification from PIN or external Wiegand device for 1:1 verification, ~ 3550 templates

DEMO-VN-A: V-STATION-A reader mounted on stand, power supply and case

Proximity Model

V-STATION-A-P: Integrated HID OEM proximity reader for 1:1 verification, ~3550 templates

DEMO-VN-A-P: V-STATION-A-P reader mounted on stand, power supply, case and 5 Prox cards

MIFARE® Model

Please refer to V-Smart product sheet or contact Bioscrypt for a list of supported cards.

V-STATION-A-G: Integrated Gemplus MIFARE® smart card reader for 1:1 verification, unlimited cardholders

DEMO-VN-A-G: V-STATION-A-G reader mounted on stand, power supply, case and 5 MIFARE® cards

iCLASS™ Model

Supports iCLASS™ and OminSmart™ 16kbits contactless smart cards

V-STATION-A-H: Integrated HID iCLASS™ smart card reader for 1:1 verification, unlimited cardholders

DEMO-VN-A-H: V-STATION-A-H reader mounted on stand, power supply, case and 5 iCLASS™ cards

Identification Model

V-STATION-A-S: Embedded 1:200 algorithm for searching capability

DEMO-VN-A-S: V-STATION-A-S reader mounted on stand, power supply and case

BIO-SDK: Development software CD (supports all Bioscrypt products)

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