

# 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

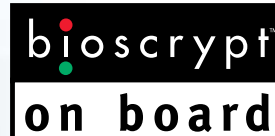
- Simple plug and play installation
- Industry's most accurate fingerprint algorithm (#1 at FVC 2002)
- Supports both standard and proprietary Wiegand formats, RS 232, RS 485 and Ethernet communications
- Generates, maintains and logs approximately 4096 time-stamped transactions
- Optional integrated 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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