

# V-STATION™

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

Bioscrypt's **V-Station** incorporates industry leading fingerprint technology in a self-contained terminal. Designed for high throughput, high volume applications, the verification process takes less than 1 second.

## BENEFITS

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

**Simple** plug and play installation

**Triple layer security:** What you have (card); Who you are (biometric); What you know (password)

**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

**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**

**Stores** ~ 3500 templates on terminal

**Identification option** 1-500

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



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## 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

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

**TERMINAL BLOCK:**

Wiegand, TTL, RS 485, RS 232,

Power and Earth Ground

**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, case

**VERIFICATION (1:1):**

Enrollment Time: < 5 seconds

Verification Time: < 1 seconds

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

Adjustable FAR and FRR

Number of Templates: ~ 3550 per unit

Template Size: ~ 350 bytes

**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

**IDENTIFICATION (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: 500 per unit, optimized for 300\*

Template Size: ~ 2400 bytes

**MIFARE® Model**

Please refer to a 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

**VOLTAGE:**

12.5-24 V DC

**iCLASS™ Model**

Supports iCLASS™ and OmniSmart™ 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

**CURRENT DRAW:**

Idle: 0.50 amps @12 V DC

Max: 1.00 amps @ 12 V DC

**MOUNTING:**

Triple-gang or dry wall.

Mounting plate will accept #6 screws or bolts.

Clearance hole diameter is 0.155".

OUTDOOR ENCLOSURE AVAILABLE: Call for information.

OPERATING TEMPERATURE: 0° - 60°C

CERTIFICATIONS: FCC, CE, UL294, cUL

\*Contact Bioscrypt for more details

**Identification Model**

V-STATION-A-S: Embedded 1:500 algorithm for searching capability

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

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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