BIOMETRICS

V-STATION™

VERIFICATION

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

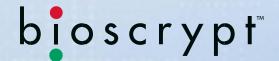**Biometric verification schedules -** Turn biometrics on/off based on time/day

User-defined access schedules

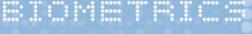**Duress finger option**

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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bioscrypt on board

TECHNICAL INFORMATION

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

PROX BY HID

GEMPLUS®

iCLASS™ by HID

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 (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

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

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.
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

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

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

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 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

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

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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