

V-STATION™

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

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

FEATURES

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

5 Models to provide solutions for different requirements

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

Stores ~ 3500 templates on terminal

Identification option 1-500

DESFire The V-Station iCLASS / DESFire readers offer DESFire technology to meet TWIC and GSC-IS government standards, simultaneously supporting both iCLASS and DESFire cards for projects that potentially use both card technologies.



BIOMETRICS

V-STATION™

VERIFICATION

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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

TERMINAL BLOCK:

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

VERIFICATION (1:1):

Enrollment Time: < 3 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: < 3 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: ~ 2500 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

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

DESKTOP-VN-A: V-STATION-A reader mounted on a plastic stand, with power supply

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

DESKTOP-VN-A-P: V-STATION-A-P reader mounted on a plastic stand, with power supply

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

DESKTOP-VN-A-G: V-STATION-A-G reader mounted on a plastic stand, with power supply

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

DESKTOP-VN-A-H: V-STATION-A-H reader mounted on a plastic stand, with power supply

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

DESKTOP-VN-A-S: V-STATION-A-S reader mounted on a plastic stand, with power supply

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

*Contact Bioscrypt for more details

The symbol bioscrypt on board™ signifies that Bioscrypt Inc.'s high standards of biometric quality and security reside within that product.

bioscrypt™



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