

# Bioscrypt® V-Station™

Industry-leading finger scan technology in a self-contained terminal

## FEATURES

- Industry's most accurate finger-scan algorithm (most gold and overall wins at International Fingerprint Verification Competition in 2002 and 2004)
- Triple-layered security: What you have (card); What you know (password); Who you are (biometric)
- VeriAdmin software offers a simple approach to initial setup, template management and network configuration
- Simple plug-and-play installation
- RoHS compliant
- Configurable biometric verification schedules — turn biometrics on/off according to the time of day
- USB communication via AUX port
- Multiple models to provide solutions for different requirements
- Generates, maintains and logs 4,096 time-stamped transactions
- Integrated 80-character LCD and numeric keypad
- User-defined access schedules
- Stores approximately 3,500 templates on terminal
- Supports Bioscrypt's Door to Desktop® physical and logical identity convergence platform

**V-Station MIFARE V9.50 has been placed on the Biometrics for Access Control Qualified Products List (QPL) by the Transportation Security Administration for use in airports**

**Designed for high-throughput, high-volume applications, the verification process takes less than a second**

**Flexible model choices support 1:1 verification or identification and authentication with Prox or MIFARE® cards**



# Bioscrypt® V-Station™

## TECHNICAL INFORMATION

### DIMENSIONS:

Length: 5.7 In. (146 mm)  
Width: 6.5 In. (164 mm)  
Depth: 3.1 In. (78 mm)

### COMMUNICATIONS:

Weidmuller connector for Wiegand IN/OUT  
TLL IN/OUT  
RJ-45 for RS-485 communication (Host)  
RJ-11 for RS-232 (Host)  
RJ-45 for Ethernet  
USB Aux port connection

### VERIFICATION (1:1):

Enrollment time: < 3 seconds  
Verification time: < 1 second  
False Acceptance Rate (FAR): Adjustable  
False Rejection Rate (FRR): Adjustable  
Equal Error Rate (EER) (FAR=FRR): 0.1%  
Number of templates: ~ 3550 per unit  
Template size: ~ 350 bytes

### IDENTIFICATION (1:N):

Enrollment time: < 3 seconds  
Identification time: < 2 seconds  
FAR: 0.2%  
FRR: 1.0%  
Number of templates: 500 per unit\*  
Template size: ~ 2500 bytes

### VOLTAGE:

12.5-24 VDC

### CURRENT DRAW:

Idle: 0.50 amps @12 VDC  
Max: 1.00 amps @ 12 VDC

### MOUNTING:

Triple-gang or drywall  
Mounting plate accepts #6 screws or bolts

### OUTDOOR ENCLOSURE AVAILABLE:

Call for information.

### OPERATING TEMPERATURE:

0° - 60°C (32° F - 140° F)

### BIO-SDK AVAILABLE:

Development software CD (supports all Bioscrypt products)

\*Contact Bioscrypt for more details

## ORDERING INFORMATION

### BASE MODEL

Certifications: FCC, CE, UL294, cUL and RoHS  
V-Station,A,R: 1:1 Verification or 1:N Identification

**Desktop VN,A,R:** V-Station,A,R reader mounted on a plastic stand, with power supply

**Demo VN,A,R:** V-Station,A,R reader mounted on stand, with power supply and case

### PROXIMITY MODEL

Certifications: FCC, CE, UL294, cUL, and RoHS

**V-Station,A,P,R:** Integrated HID™ OEM proximity reader for 1:1 Verification (stores approximately 3550 templates)

**Desktop VN,A,P,R:** V-Station,A,P,R reader mounted on a plastic stand, with power supply

**Demo VN,A,P,R:** V-Station,A,P,R reader mounted on stand with power supply, case and five Prox cards

### MIFARE® MODEL

Certifications: FCC, CE, UL294, cUL and RoHS

Supported Cards: GemEasy 8000, HID 1430, and HID 1431 (request HID cards unprogrammed on the MIFARE® side), IDentiSMART™ Series by IDenticard®. Contact Bioscrypt for a complete list of supported cards

**V-Station,A,G,R:** Integrated Gemprox C2 MIFARE smart card reader for 1:1 verification, unlimited cardholders

**Desktop VN,A,G,R:** V-Station,A,G,R reader mounted on a plastic stand, with power supply

**Demo VN,A,G,R:** V-Station,A,G,R reader mounted on stand, with power supply, case, and five MIFARE cards

### iCLASS™ MODEL\*

Certifications: FCC, CE, UL294 and cUL

Supported Cards: HID iCLASS™ or Honeywell Access Systems OmniSmart™ contactless (16 kbits, 16 App) 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, with power supply, case and 5 iCLASS cards



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