

Bioscrypt® V-Station™

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

FEATURES

- Industry's most accurate finger scan algorithm (#1 at FVC 2002 & FVC 2004)
- RoHS Compliant
- New blue LED power signal
- USB communications to AUX port
- Multiple Models to provide solutions for different requirements
- Triple layer security What you have (card); Who you are (biometric); What you know (password)
- Generates, maintains and logs approximately 4096 time-stamped transactions
- 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
- Biometric verification schedules – Turn biometrics on/off based on time/day
- User-defined access schedules
- Stores ~ 3500 templates on terminal
- 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

Designed for high throughput, high volume applications, the verification process takes less than 1 second.

Flexible model choices to support Searching authentication or Verify with Prox, MIFARE, iClass, or DESFire authentication.



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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:

Weidmuller connector for Wiegand IN/OUT, RJ-45 for RS-485, RJ-11 for Ethernet (LAN), and USB Aux port connection

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*
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 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

OPTIONAL BIO-SDK AVAILABLE:

Development software CD (supports all Bioscrypt products)

*Contact Bioscrypt for more details

ORDERING INFORMATION

BASE MODEL ORDERING INFORMATION:

CERTIFICATIONS: FCC, CE, UL294, cUL, RoHS

V-STATION-A, R: 1:1 Verification or 1:N Searching templates

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, power supply, case

PROXIMITY MODEL ORDERING INFORMATION:

CERTIFICATIONS: FCC, CE, UL294, cUL, RoHS

V-STATION-A, P, R: Integrated HID OEM proximity reader for 1:1 verification, ~ 3550 templates

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

DEMO-VN-A, P, R: V-STATION-A-P, R reader mounted on stand, power supply, case and 5 Prox cards

MIFARE® MODEL ORDERING INFORMATION:

CERTIFICATIONS: FCC, CE, UL294, cUL, RoHS

CARDS SUPPORTED:

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 Gemplus 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: V-STATION-A-G reader mounted on stand, power supply, case and 5 MIFARE® cards

iCLASS™ MODEL ORDERING INFORMATION:

CERTIFICATIONS: FCC, CE, UL294, cUL

CARDS SUPPORTED: HID iCLASS™ or Honeywell Access Systems OmniSmart™ contactless (16kbits, 16 App) smart cards

V-STATION-A, H, R:

Integrated HID iCLASS™ smart card reader for 1:1 verification, unlimited cardholders

DESKTOP-VN-A, H, R:

V-STATION-A, H, R reader mounted on a plastic stand, with power supply

DEMO-VN-A-H:

V-STATION-A, H, R reader mounted on stand, power supply, case and 5 iCLASS™ cards



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