

Bioscrypt® V-Pass FX™

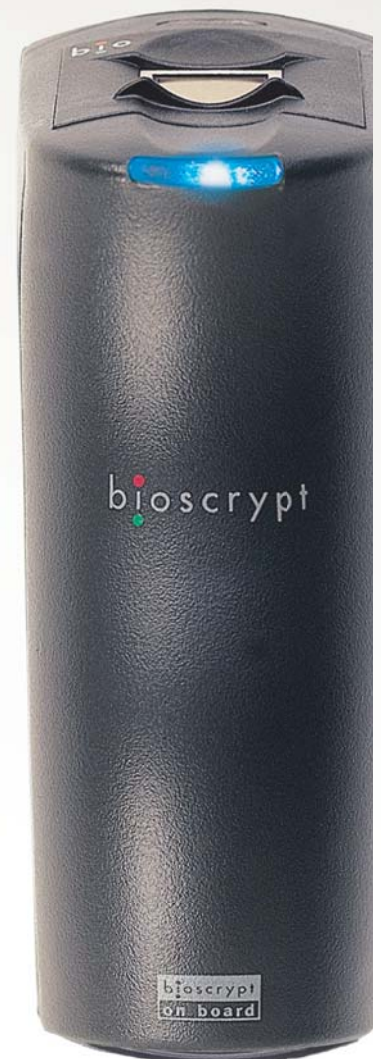
Flexible Security Options

FEATURES

- Industry's most accurate finger-scan algorithm (#1 at FVC 2002 & FVC 2004)
- RoHS compliant
- User configurable 1:N mode or 1:1 mode
- New blue LED power signal
- Self-contained reader stores approximately 4,000 finger-scan templates in 1:1 mode, 500 finger-scan templates in 1:500 mode, and 200 finger-scan templates in 1:200 mode
- USB communication via Aux port
- VeriAdmin software (included free of charge) offers a simple approach to initial setup, template management, and networking configuration
- User-friendly installation with pigtail connections and flat surface, single-gang, or mullion mounting
- Simple one-touch enrollment
- Intuitive user interface provides feedback via multi-colored LED and tone signals
- Flexible communication options support Wiegand formats up to 64 bits
- Duress finger option.

Finger-only security in 1:N mode or dual-factor authentication in 1:1 mode with an external Wiegand reader

Ideal for retrofitting existing legacy systems to dual biometric/authentication solutions in 1:1 mode



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TECHNICAL INFORMATION

DIMENSIONS

Length: 130 mm (5.12 in)

Width: 50 mm (1.97 in)

Depth: 63.5 mm (2.5 in)

COMMUNICATIONS:

Pigtail wire connections for RS-232 and RS-485

Wiegand IN/OUT

USB Aux port

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: ~ 4000 per unit

Template size: ~ 350 bytes

IDENTIFICATION (1:N):

Enrollment time: < 3 seconds

Verification time: < 2 seconds

FAR: 0.2%

FRR: 1.0%

Number of templates: 500 per reader in 1:500 mode; 200 per reader in 1:200 mode

Template size: ~ 2500 bytes

VOLTAGE:

9-24 VDC

CURRENT DRAW:

Idle: 0.20 amps @ 12 VDC

Max: 0.40 amps @ 12 VDC

MOUNTING:

Flat surface, single-gang, or mullion mountable

Wall mount plate accepts #6 screws or bolts

Clearance hole diameter is 3.94 mm (0.155 in)

Trim plate included to cover single-gang box.

OPERATING TEMPERATURE:

0° - 60°C

CERTIFICATIONS:

FCC, CE, UL294, cUL, RoHS

ORDERING INFORMATION

By default, the Bioscrypt V-Pass FX is set to 1:500 mode. The reader must be configured manually to run in 1:200 or 1:1 modes.

V-PASS-FX-A,R:

Finger-scan reader (using customer-supplied external Wiegand device)

DESKTOP-VS-FX-A,R:

V-PASS-FX-A,R reader mounted on a plastic stand, with power supply

DEMO-VS-FX-A,R:

V-PASS-FX-A,R reader mounted on stand, with power supply and case

BIO-SDK:

Development software CD (supports all Bioscrypt products)

OUTDOOR ENCLOSURE:

The Bioscrypt V-Pass FX is compatible with the Bioscrypt V-Cerco or V-Cerco-HT protective enclosures. Contact Bioscrypt for more information.

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