



Bioscrypt's V-Flex, V-Prox and V-Pass fingerprint readers provide unrivaled facility security and positive identity verification without compromising user convenience.

Ideal for retrofits, the V-Flex adds a biometric layer of security to an existing external Wiegand reader or keypad.

The V-Prox offers a dual-factor solution that combines a self-contained fingerprint module and an HID proximity reader in one modern package.

The V-Pass is an easy one-touch fingerprint identification reader for up to 200 users.

## KEY BENEFITS

- Self-contained readers store approximately 4,000 fingerprints (200 for V-Pass)
- VeriAdmin software, included free of charge, offers a simple approach to template management (enrollment, distribution) and reader configuration
- User-friendly installation with pigtail connections and single-gang or mullion mount compatibility
- Simple, one-touch enrollment
- Intuitive user interface with red, amber and green LED and tone signals
- Industry's most accurate fingerprint algorithm (#1 at FVC 2002)
- Flexible communication options supporting Wiegand formats up to 64 bits
- Duress finger option

## TECHNICAL SPECIFICATIONS

### V-Flex and V-Prox

#### Dimensions:

Length.....5.12" (130 mm)  
Width.....1.97" (50 mm)  
Depth.....2.5" (65.5 mm)

#### Communications

Pigtail wire connection for RS 232, RS 485, Wiegand IN/OUT. RJ11 aux port connection for RS 232.

Algorithm type.....Verification (1:1)  
Enrollment time.....< 3 seconds  
Verification time.....< 1 second  
(EER) Equal Error Rate (FAR=FRR).....0.1%  
Adjustable FAR and FRR  
Number of Templates.....~ 4000 per unit  
Template Size.....~ 350 bytes

**Voltage**.....9 - 24 V DC

#### Current Draw:

Idle.....0.15 amps @ 12 V DC  
Max.....0.50 amps @ 12 V DC

#### Mounting:

Flat surface, single-gang or mullion mountable. Wall mount plate will accept #6 screws or bolts. Clearance hole diameter is 0.155". Trim plate included to cover single-gang box.

Outdoor enclosure available.....Call for information  
Operating temperature.....0 - 60 C  
Certifications.....FCC, CE, UL294, cUL

### V-Pass

#### Dimensions:

Length.....5.12" (130 mm)  
Width.....1.97" (50 mm)  
Depth.....2.5" (65.5 mm)

#### Communications

Pigtail wire connection for RS 232, RS 485, Wiegand IN/OUT. RJ11 aux port connection for RS 232.

Algorithm type.....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.....200 per unit, optimized for 100

**Voltage**.....9 - 24 V DC

#### Current Draw:

Idle.....0.20 amps @ 12 V DC  
Max.....0.50 amps @ 12 V DC

#### Mounting:

Flat surface, single-gang or mullion mountable. Wall mount plate will accept #6 screws or bolts. Clearance hole diameter is 0.155". Trim plate included to cover single-gang box.

Outdoor enclosure available.....Call for information  
Operating temperature.....0 - 60 C  
Certifications.....FCC, CE, UL294, cUL

