

Northern Veri-Series Fingerprint Readers

MODELS: V-FLEX™, V-PASS™, V-PROX™



A new entry into the reader family by Northern is the Veri-Series line of fingerprint readers by Bioscrypt™, Inc.

The V-FLEX™ reader, installed next to any Wiegand based reader, adds dual factor authentication to an existing access control system. Organizations with security systems that include keypads, barcode or proximity readers can now add the enhanced security offered by biometric technology without reissuing cards or replacing their existing infrastructure.

V-FLEX - Easy addition to an existing access control system

- Self-contained unit stores up to 4,000 fingerprint templates
- Add dual factor authentication to your Wiegand based reader
- Verifies users in less than one second

The V-PASS™ is the ultimate biometric reader for access to facilities. This reader eliminates the need for PINs, keys or cards to gain access to secure areas. To gain access the user simply places their finger on the reader and in less than one second the V-PASS confirms or denies access based on an internal database of fingerprints of authorized users. The V-PASS performs on-board enrollment, identification and template storage for up to 200 fingerprints.

V-PASS - One touch fingerprint identification for access control.

- Eliminate cards, keys or PINs
- Self-contained unit stores up to 200 fingerprint templates
- Identifies users in less than one second

V-PROX™ readers eliminate any concerns about stolen, loaned or compromised proximity cards! The V-PROX leverages fingerprint verification and proximity card reader technology to prevent unauthorized access. The reader matches the fingerprint of the person seeking entry to the identity of the card-holder. This dual factor solution combines a self-contained fingerprint verification module and an OmniTek or HID proximity card reader.

V-PROX - Fingerprint verification with integrated proximity reader for access control

- Self-contained unit stores up to 4,000 fingerprint templates
- Provides dual factor authentication
- Verifies users in less than one second
- Voted Best New Product, SIA New Product Showcase 1999

F E A T U R E S

- Patented, award winning fingerprint algorithm placed #1 at Fingerprint Verification Competition 2002
- Industry leading fingerprint matching technology
- Flexible communication options supporting Wiegand formats up to 64 bits
- Established biometric solution provider with over 35,000 readers currently deployed for facility access



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.



Ordering Information

MODELS:

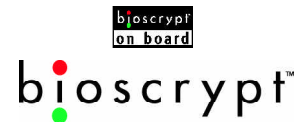
- V-FLEX V-Flex Reader
- V-PROX V-Prox with HID integrated proximity reader
- V-PASS V-Pass Reader

Specification Chart

	V-FLEX	V-PROX	V-PASS
Description	Self-contained unit performs enrollment, verification and stores up to 4,000 fingerprints. Installed next to any Wiegand based reader, adds dual factor authentication to an existing access control system.	The reader matches the fingerprint of the person seeking entry to the identity of the cardholder. This dual factor solution combines a self-contained fingerprint verification module and an OmniTek or HID proximity card reader.	Fingerprint identification for access control installations in a self-contained reader. The V-Pass confirms or denies access based on an internal database of fingerprints of authorized users.
Dimensions	5.12" L x 1.97" W x 2.5" D / 130 mm x 50 mm x 65.5 mm		
Communications	Data/Clock (magstripe with card present)	Pigtail wire connection for RS-232, RS-485, Wiegand IN/OUT	
Enrollment Time	<3 seconds		
Identification Time	N/A	N/A	<1 second for 100 template database
Equal Error Rate (EER)	0.1%	0.1%	N/A
False Acceptance Rate	Adjustable	Adjustable	Fixed
False Rejection Rate	Adjustable	Adjustable	0.1%
Custom Features	Sound On/Off, internal LED Control (Tri-color red/yellow/green)		
Verification Time	< 1 second for all readers		
Number of Templates	4000 per unit	4000 per unit	Optimized for 100 per unit, 200 maximum capacity
Template Size	348 bytes	348 bytes	2352 bytes
Current Draw: Idle	0.15 amps @12V		0.20 amps @12V
Enroll / verify	0.25 amps @12V		
Voltage	7V to 24V DC		

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

Northern Computers, Inc. is a preferred partner of Bioscript



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