

VIRDI AC5000Plus Biometric card terminal with keypad

The ACM™ system integration leverages the VIRDI solution to add biometric authentication to restricted locations and areas requiring a high level of security. Operations can easily set up and enroll biometric identities directly from the ACM software through integration with the VIRDI Biometrics Enrollment Manager interface.



- Increase security effectiveness and mitigate risk with patented live and fake finger detector.
- Authenticate card holders using human capacitance, infrared light and advanced algorithms, the optical fingerprint sensor delivers a high level of accuracy and speed.
- Innovate with confidence and easily configure and manage biometric identities directly from the ACM software.
- Get real-time visibility into current risk position and reduce unauthorized access.

KEY FEATURES

Integration with Avigilon's ACM system	Creates a seamless link between VIRDI's Biometrics Enrollment Manager interface and the ACM software to easily add and remove biometric identities
IP65 Rating	Provides exceptional dust and water resistance.
OSDP Compatible	Integration with Avigilon's ACM Controllers
2.8" Color TFT LCD	Simplify operation with graphic UI and customizable LCD background
Multi-Language Support	Customizable language and menu setting enables intuitive localized user interface

Technical Specification

CPU	ARM, 533MHz CPU
LCD	2.8" Color LCD
Power Consumption	12V, Max 350mA (4.2W)
Communication	TCP/IP, Wiegand In/Out ; RS4B5, RS232
Dimension	88 x 175 x43.Smm
RFID Card Option	125KHz EM/ 13.56MHz Smart card/ MIFARE® DESfire® / FeliCa / HID Prox (optional) / HID iClass® (optional)
Memory	128MB RAM + 32MB FLASH Memory
Max Users	20,000 (1 :1) ; 15,000 (1 :N)
Log Capacity	64,000
Certificates	KC. CE, FCC, RoHS

Ordering Information

Standalone Readers	Part Number	Description
Smart card reader	AC-VT-READ-BIO-RFID-AC5000SC-BLK	VIRDI Fingerprint and card enrollment reader with touchscreen keypad, live fingerprint detection embedded, supports MIFARE® 13.56Mhz Card & PIN authentication. User Capacity : 20,000, Finger Capacity: 20,000, IP 65 Weatherproof, TCP/IP server communication. Power Supply not included. (VIRDI Part Number: AC5000PlusSC)
iClass reader	AC-VT-READ-BIO-RFID-AC5000IC	VIRDI Fingerprint and card enrollment reader with touchscreen keypad, live fingerprint detection embedded, supports HID iClass Card & PIN authentication. User Capacity : 20,000, Finger Capacity: 20,000, IP 65 Weatherproof, TCP/IP server communication. Power Supply not included. (VIRDI Part Number: AC5000PlusiClass)
Prox reader	AC-VT-READ-BIO-RFID-AC5000Prox	VIRDI Fingerprint and card enrollment reader with touchscreen keypad, live fingerprint detection embedded, supports HID Prox Card & PIN authentication. User Capacity : 20,000, Finger Capacity: 20,000, IP 65 Weatherproof, TCP/IP server communication. Power Supply not included. (VIRDI Part Number: AC5000PlusProx)

Reader Bundles	Part Number	Description
Smart card reader	AC-VT-READ-BIO-RFID-AC5000SC-BLK-NA	Reader bundle including AC-VT-READ-BIO-RFID-AC5000SC-BLK and power supply with type B plug
	AC-VT-READ-BIO-RFID-AC5000SC-BLK-EU	Reader bundle including AC-VT-READ-BIO-RFID-AC5000SC-BLK and power supply with type C plug
	AC-VT-READ-BIO-RFID-AC5000SC-BLK-UK	Reader bundle including AC-VT-READ-BIO-RFID-AC5000SC-BLK and power supply with type G plug
iClass reader	AC-VT-READ-BIO-RFID-AC5000IC-NA	Reader bundle including AC-VT-READ-BIO-RFID-AC5000IC and power supply with type B plug
	AC-VT-READ-BIO-RFID-AC5000IC-EU	Reader bundle including AC-VT-READ-BIO-RFID-AC5000IC and power supply with type C plug
	AC-VT-READ-BIO-RFID-AC5000IC-UK	Reader bundle including AC-VT-READ-BIO-RFID-AC5000IC and power supply with type G plug
Prox reader	AC-VT-READ-BIO-RFID-AC5000Prox-NA	Reader bundle including AC-VT-READ-BIO-RFID-AC5000Prox and power supply with type B plug
	AC-VT-READ-BIO-RFID-AC5000Prox-EU	Reader bundle including AC-VT-READ-BIO-RFID-AC5000Prox and power supply with type C plug
	AC-VT-READ-BIO-RFID-AC5000Prox-UK	Reader bundle including AC-VT-READ-BIO-RFID-AC5000Prox and power supply with type G plug

Please contact Avigilon for more ordering information.