

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 x43.5mm |
| 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.