

## 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

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|--|--|
| 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)   |

| 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     |

Please contact Avigilon for more ordering information.