



# AC5000SC Series

## Virdi Fingerprint Authentication Terminal

The AC5000SC Series are high performance, multi-factor biometric terminals with a patented live & fake fingerprint detection system.

The AC5000SC is able to operate as a complete standalone device or in conjunction with third party access control systems using the built in Wiegand interface. Various housings and mountings options are available to suit specific environments and applications. All AC5000SC including P models are supplied with their own DC12V power supplies, the (P) models will also support POE operation (POE will not supply lock power). All terminals are fully TCP/IP networkable and are supplied with FOC management software.



**"Approved for UK Government Use, for details contact CPNI."**



AC5000SC  
AC5000SC/P



AC5000SCW  
AC5000SCW/P

## Key Features

- Fake Fingerprint Detection (Patented)
- IP65 Weatherproof
- On Board Card Reader 13.56MHz
- Touch Keypad
- Powerful Processor (32bit 400MHz CPU)
- New White Optical Sensor
- 2.8" TFT Colour Display with Custom Configurable Logo / Graphic
- Multi-Language Support
- Black & White Models Available
- PoE Supported Models Available

## Accessories

- **SH5000** - Stainless Steel Surface Mount External Enclosure
- **FH5000** - Stainless Steel Flush Mount External Enclosure
- **FH5000APC** - Architectural Polished Stainless Steel Mounting Bezel
- **VRH5000** - Vandal Resistant Stainless Steel Enclosure
- **RS5000** - Polycarbonate clear Rain Shield Enclosure
- **W26-RLY** - Relay Interface



SH5000

FH5000

FH5000APC

VRH5000

RS5000

## Specification

| Model Number               | AC5000SC  | AC5000SCW | AC5000SCP             | AC5000SCWP |
|----------------------------|---|-----------|-----------------------|------------|
| CPU                        | 32 Bit RISC 533MHz                                      |           |                       |            |
| IP Rating                  | IP65  |           |                       |            |
| LCD Display                | 2.8" LCD Colour (320 x 240 Pixel)                       |           |                       |            |
| Memory                     | 32MB Flash / 32MB RAM                                   |           |                       |            |
| User Capacity              | 20,000 Users (1 : 15,000)                               |           |                       |            |
| Log Capacity               | 61,000  |           |                       |            |
| Cards Supported            | 13.56MHz Smart Card Compatible (Support for 1 SAM Card) |           |                       |            |
| Operation Mode             | Fingerprint / Card / Password/ Template on Card         |           |                       |            |
| Pin Pad                    | 15 Key (0~9, F1~F4, Enter)                              |           |                       |            |
| LED                        | 2 LED (Red, Green) & On Screen                          |           |                       |            |
| Voice / Buzzer             | Voice / Tone  |           |                       |            |
| PC Interface               | TCP/IP (10/100M)  |           | PoE, TCP/IP (10/100M) |            |
| Communications             | RS-232, RS-485, Wiegand In & Out                        |           |                       |            |
| Wiegand Interface          | 26/34/Custom up to 128 Bit Configurable                 |           |                       |            |
| USB Memory Slot            | No  |           |                       |            |
| Lock Control               | EM, Strike, Motor Lock, Auto Door                       |           |                       |            |
| Fingerprint Sensor         | 500 Dpi Optical Sensor                                  |           |                       |            |
| Fake Fingerprint Detection | Yes   |           |                       |            |
| FRR / FAR                  | 0.1% / 0.0001%  |           |                       |            |
| Power                      | 12VDC   |           | PoE / DC12V           |            |
| Operating Conditions       | -20°C ~ 50°C / Lower Than 90% RH (Non-Condensing)       |           |                       |            |
| Dimensions                 | 88 (W) x 175 (H) x 43.5 (D) mm                          |           |                       |            |
| Weight                     | 1.2Kg   |           |                       |            |

Genie Access reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

## Dimensions (mm)

