





ACCESS CONTROL

Hi-tech.

Advanced.

Multifaceted.

These are some of the terms that best describe our diverse range of access control offerings.





SOLO

STANDALONE PROXIMITY ACCESS CONTROL SYSTEM

SOLO is designed for small standalone access control applications where security, cost and simplicity are important. This reader allows for easy programming of up to 50 user tags as well as selective, easy adding and deleting of users thanks to the reader's exceptionally user-friendly LED-based interface.

MAIN FEATURES

Mechanical Features

- Optional secure link (SmartSwitch II) - additional security measure to prevent unauthorised access even if the unit is tampered with
- Weatherproof reader
- Optional anti-knock shield for reader

Electronic Features

- 50 user tag memory - ideal for basic proximity access applications
- Tags are encrypted and cannot be cloned
- Excellent read range
- 13.56MHz operating frequency
- Output is configurable as follows:
 - Pulsed output configurable from 1 - 254 seconds
 - Latched output

- Free-exit input
- Door Sense input
- Output for external alarm - alarm is generated under the following conditions:
 - Door Held Open for an extended period of time
 - Door Forced Open





ACCESS CONTROL SYSTEMS

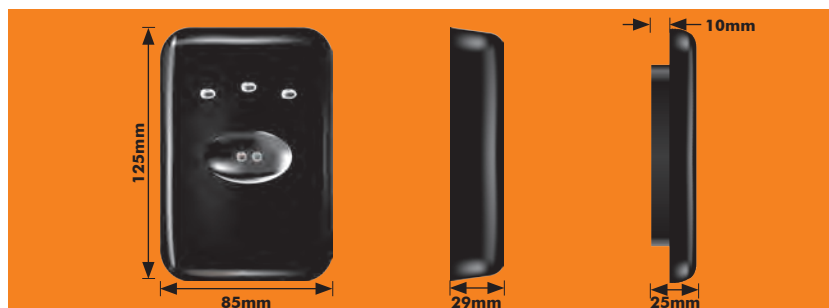
TECHNICAL SPECIFICATIONS

Technical Data	SOLO
Input voltage	10V - 12V AC or 11V - 15V DC
Current draw	
Quiescent	110mA
Maximum	150mA
Tag frequency	13.56MHz
Read range	80 - 100mm
Reader dimensions	
Surface-mount	Length: 85mm x Width: 29mm x Height:129mm
Flush-mount	Length: 85mm x Width: 15mm x Height:125mm
Weight	0.1kg
Temperature range	-20°C to 50°C
Humidity	0 – 90% (non-condensing)
Degree of protection	IP55
Number of tags (including Masters)	51
Number of Master tags	2
Voltage-free relay output	✓
Relay time configurable (off/1 - 254s/latching)	✓
Door Open Timer (0 - 254s/continuous)	✓
Door Open Pre-warn Timer (0 - 254s/continuous)	✓
Door Open Alarm (Off/1 - 254s/continuous)	✓
Door Forced Alarm (Off/1 - 254s/continuous)	✓
User interface	5 LEDs
Door Sense input	✓
Free-exit input	✓
Onboard buzzer	✓
Output for optional external alarm	✓
SmartSwitch II compatible	✓
Anti-tamper switch facility	✓
Networkable	-
Anti Passback	-
Firmware upgrade facility	✓
Packaging weight	300g
Packaging dimensions	Length: 155mm x Width: 38mm x Height: 215mm

Surface-mount



Flush-mount



Centurion Systems (Pty) Ltd is a Company of the
FAAC *Simply Automatic Business Unit*

FAAC
Simply automatic.





LATTICE

NETWORKED PROXIMITY ACCESS CONTROL SYSTEM

Start as a standalone proximity unit and expand into a powerful networked system with up to 32 readers. A handy three-digit LED display allows for easy programming of user tags and **Lattice**'s user-friendly interface makes selective adding and deleting of tags veritable child's play. For added functionality and even simpler administration, the system can be interfaced with the LatticeWARE computer software package. Lattice allows for the addition of up to 1000 user tags.

MAIN FEATURES

Mechanical Features

- Weatherproof reader
- Optional anti-knock shield for reader
- Optional secure link (SmartSwitch II)
- Choose from either surface-mount or flush-mount fascias (included in kit)

Electronic Features

- 1000 user tag memory – perfect for larger applications with many users
- Tags are encrypted and cannot be cloned
- 13.56MHz operating frequency
- Start with a standalone controller and add up to 31 Slave Heads – great versatility
- Excellent read range
- Dual outputs on the controller and a single output on the Slave Heads – configurable as follows:
 - Pulsed output configurable from 1 - 254 seconds
 - Latched output
 - Free-exit input
 - Door Sense input
- Output for external alarm – alarm is generated under the following conditions:
 - Door Held Open for an extended period of time
 - Door Forced Open
- Anti-passback for improved security
- Limited Uses support – useful in pay-per-use and security applications
- Backup Memory Module available



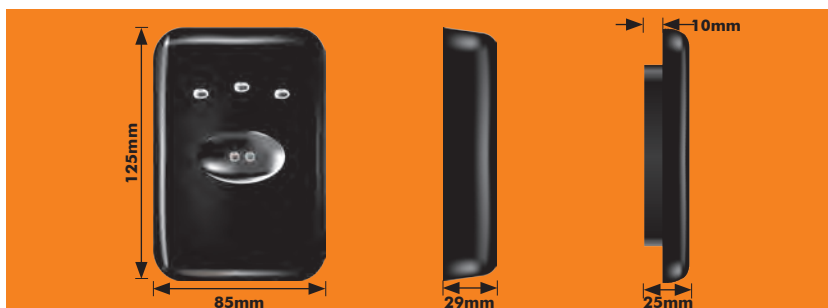


ACCESS CONTROL SYSTEMS

TECHNICAL SPECIFICATIONS

Technical Data	L1000	LSH
Input voltage	9V - 12V AC or 12V - 15V DC	
Current draw		
Standby	110mA	110mA
Operating	170mA	150mA
Tag frequency	13.56MHz	
Read range	80 - 100mm	
Reader dimensions (mm)		
Surface-mount	Length: 85mm x Width: 29mm x Height:125mm	
Flush-mount	Length: 85mm x Width: 15mm (visible) x Height:125mm	
Weight	0.1kg	
Temperature range	-20°C to 50°C	
Humidity	0 - 90% (non-condensing)	
Degree of protection	IP55	
Standalone capability	√	-
Dipswitch configurable network address	-	√
Relay time configuration (Off/1 - 254s/Latch)	√	√
Open collector output time configuration (Off/1 - 254s/latch)	√	√
Door Open Timer (0 - 255s)	√	√
Door Open Pre-warn Timer (0 - 254s/infinite)	√	√
Door Open Alarm (Off/1 - 254s/infinite)	√	√
Door Forced Alarm (Off/1 - 254s/infinite)	√	√
Reduced power consumption	√	√
Functional tags in off-line situation	1000	40
Output channels	2	1
Voltage-free relay output (Potential-free)	√	√
Open collector output (SmartSwitch II enabled)	√	√ ¹
Free-exit input (Potential free normally open contact - FRX)	√	√
Door Sense input (Potential free normally closed contact - DOOR SEN)	√	√
Output for optional external alarm (Potential free normally closed contact - Optional extra)	√	√
Anti-tamper Indication	√	√
User interface - 3 digit display + 3 LEDs	√	-
User interface - 5 LEDs	-	√
Hardware link to TUH (Lattice Take-up Head)	√	-
Alarm output time(s) increments	0 - 254 sec; adjustable in 1 sec increments	
Packaging weight	300g	
Packaging dimensions	Length: 155mm x Width: 38mm x Height: 215mm	

1. Jumper on Slave Head selects between relay or open collector output.



NETWORKED PROXIMITY ACCESS CONTROL SYSTEM



LatticeWARE

NETWORKED PROXIMITY ACCESS CONTROL SYSTEM

The **LatticeWARE** software is intuitive, easy to use and greatly enhances the functionality of the Lattice system.

The Lattice system, whether a standalone reader or networked system, can be further scaled by adding a PC. The PC or laptop becomes the Lattice server, which will now behave as the brains of the operation. The PC links to the controller via the Lattice Take-up Head (TUH). The TUH provides the system with a convenient tag reader for initial tag take-up and administration. The **LatticeWARE** software makes the task of modifying and managing the system far simpler.

MAIN FEATURES

Electronic Features

- Interface with the Lattice system at any stage
- Complete and easy setup
- Full management of the system
- Integrated time-barring support
- Multiple operating reports with export capability
- **LatticeWARE** is accessible from any PC in a networked system





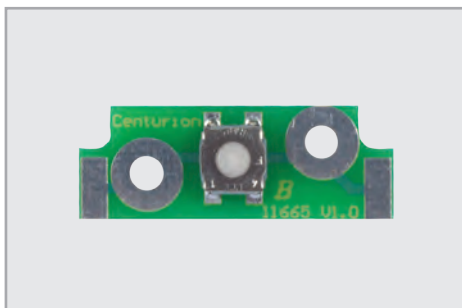
SOLO AND LATTICE ACCESSORIES



SMARTSWITCH II

Product Code: **SMARTSW2V1**

The SmartSwitch II serves as an interface board that provides for an additional security measure, effectively guarding your system against any unwarranted triggers. It relies upon the receipt of a coded signal from the controller, which will then respond to the trigger.



SOLO AND LATTICE TAMPER INDICATION SWITCH

Product Code: **SOLOTAMP01**

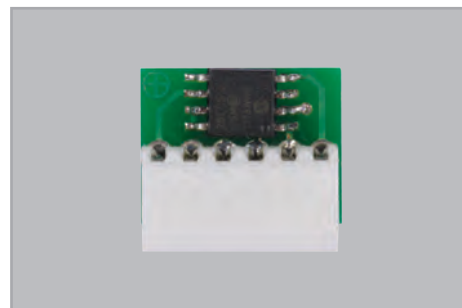
A useful ancillary micro-switch that can be connected to the reader's onboard buzzer or a third party alarm system and provides an output whenever the reader is removed from its enclosure.



SOLO/LATTICE ANTI KNOCK SHIELD

Product Code: **SOLOAKS0V1**

A Grade 304 stainless steel enclosure with a stylish and durable brushed finish for protecting your SOLO and lattice reader from getting knocked and damaged



BACKUP MEMORY MODULE LATTICE CONTROLLER

Product Code: **PCA11667V1**

Effortlessly create a backup of all tags and settings saved to a Lattice controller's memory for superior data security.

NETWORKED PROXIMITY ACCESS CONTROL SYSTEM



SMARTGUARD HIGH-SECURITY KEYLESS ACCESS CONTROL

The CENTURION **SMARTGUARD** range provides efficient, secure keyless access control by enabling users to store up to 1000 unique codes comprising one to ten digits in its non-volatile memory. A variety of electrical devices can be activated (including gate operators, alarm panels, water pumps, etc.) by making use of one or more of the outputs provided.

MODELS AVAILABLE

SMARTGUARD: Multi-function, high-security, wired, keypad access-control.

SMARTGUARDair: High-security, wireless keypad access control.

MAIN FEATURES

SMARTGUARD

- **SMARTGUARD** for hard-wired installations – compatible with almost any access control device
- 1000 unique codes using one to ten digits – for greater security and versatility in a multi-user application
- Three channel output – activate up to three devices
- Selectively add and delete user codes – convenient and secure management of the system
- Backup Memory Module – guarantees data security
- Limited Uses Counter – grant access to armed response, garden services, etc. - codes are automatically rendered invalid after pre-set number of uses

SMARTGUARD air

- Wireless for quick and easy installations
- 1000 unique codes using one to ten digits – for greater security and versatility in a multi-user application
- 15 channel output – activate up to 15 compatible devices
- Selectively add and delete user codes – convenient and secure management of the system
- Backup Memory Module – guarantees data security
- Limited-uses counter – grant access to armed response, garden services, etc. - codes are automatically rendered invalid after use
- Operates on two AA Alkaline batteries (included), or a separate 12V power supply
- Up to two years of battery life with up to 300 uses per day
- Wireless operating range of up to 30 metres (line of sight)
- Compatible with CENTURION's code-hopping receivers



SMART GUARD™

SMART GUARD™
air

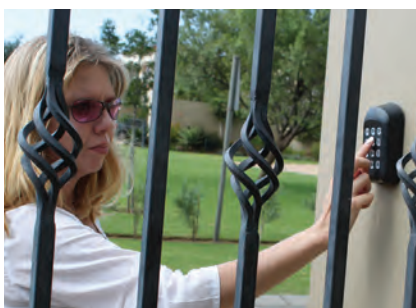




ACCESS CONTROL SYSTEMS

TECHNICAL SPECIFICATIONS

Technical Data	SMARTGUARD	SMARTGUARDair
Input voltage	12V - 24V AC/DC	2 x AA Alkaline batteries (included)
Current	32mA (standby) – 180mA (max)	NA
Operating temperature	-20°C to +60°C	-18°C to +55°C
Operating range	NA	Up to 30m
Operating frequency	NA	433MHz
Outputs	3 (1 Relay output, 2 open collector outputs)	Up to 15 individual channels
Output pulse time range	1 – 255 sec (adjustable) or latched	NA
Memory	1 000 user codes	1 000 user codes
Dimensions	Width:80mm x Depth: 38mm x Height: 132mm	
Housing material	Polycarbonate	
Degree of protection	IP55	
Packaging weight	215g	
Packaging dimensions	Length: 336mm x Width: 221mm x Height: 116mm	



SMARTGUARD



SMARTGUARDair

NETWORKED PROXIMITY ACCESS CONTROL SYSTEM





SAFLEC

COMPREHENSIVE ACCESS CONTROL SYSTEM

An excellent access control system from small, medium to large networked installations. Besides the proximity access control readers, the system can cater for many different components such as biometric readers, Time and Attendance-compliant readers, and keypad access control.

The network integrates with various protocols such as Wiegand; RS-485 and RS-232 allowing for network flexibility.

MAIN FEATURES

- Networked, scalable access control system
- Easy user-friendly installation and administration
- Anti-passback, timed Anti-passback and Zone Control
- Flexible Time & Attendance exporting
- Site-based configuration and hardware filtering (Corporate Edition only)
- Graphical event and alert monitoring and control
- PC-based actions for controlling third party devices such as CCTV, intrusion and fire systems

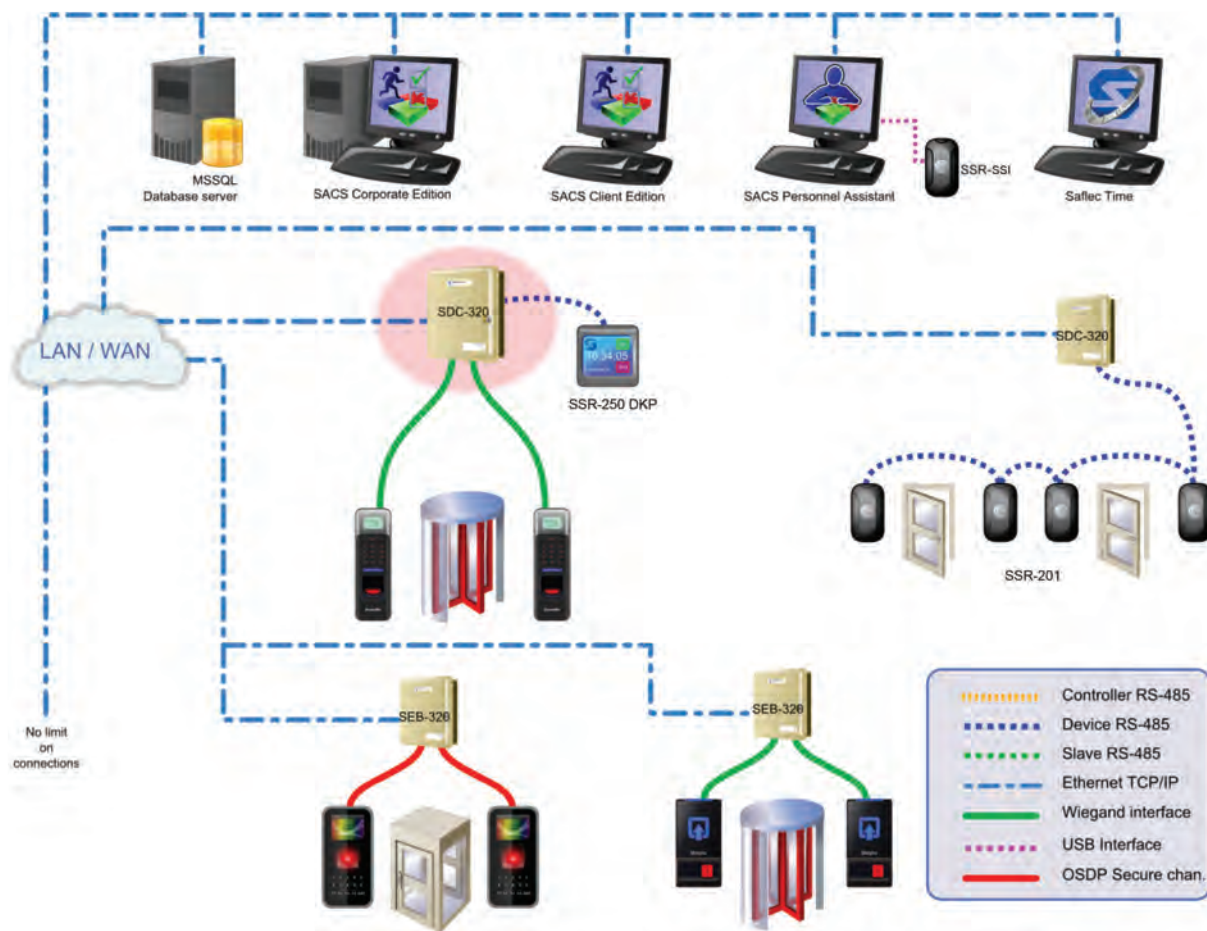


Saflec Systems





EXAMPLE OF A TYPICAL SYSTEM CONFIGURATION



**COMPREHENSIVE
ACCESS CONTROL
SYSTEM**



SAFLEC DOOR CONTROLLERS

COMPREHENSIVE PROXIMITY ACCESS CONTROL SYSTEM

The Multiple Door Controllers can cater for, as a standard, five doors with a reader on both sides of each door for access control in both directions, and up to 1 000 000 tags. Using remote I/O boards the system can be expanded for a further three doors, totalling eight off the same controller. A total of 16 controllers can be networked together to handle up to 256 readers or 128 doors.

However, multiple 16-controller networks can be linked together via a PC to create an ever-expanding access control mega-network.

MODELS AVAILABLE

- SDC-320:** The SDC-320 is a replacement for the SDC-220 incorporating a host of new design features and increased functionality. It now has a Micro SD for increased capacity, dedicated fire and tamper inputs, OLED control module for easy setup and local diagnostics and OSDP secure channel compatibility
- SDC-620:** The SDC-620 is a replacement for the SDC-520 incorporating a host of new design features and increased functionality. It now has a Micro SD for increased capacity, dedicated fire and tamper inputs, OLED control module for easy setup and local diagnostics and OSDP secure channel compatibility
- SDC-650:** The SDC-650 is a replacement for the SDC-550 incorporating a host of new design features and increased functionality. It now has an Onboard TCP/IP connectivity, Micro SD for increased capacity, dedicated fire and tamper inputs, OLED control module for easy setup and local diagnostics and OSDP secure channel compatibility




Saflec Systems



TECHNICAL SPECIFICATIONS

Technical Data	MULTIPLE DOOR CONTROLLER SDC-650	MULTIPLE DOOR CONTROLLER SDC-620	MULTIPLE DOOR CONTROLLER SDC-320
Maximum door capacity (per controller) ¹	8	8	2
Tag holder capacity	1 000 000	1 000 000	1 000 000
Robust RS-485 reader connection ²	16	16	4 (isolated)
Relay outputs - can be potential-free or powered	5	2	2
Digital inputs	8	4	4
Wiegand interface connections	-	2	2
Events and actions on controller	✓	✓	-
Controller offline transaction buffer capacity	6 000 000	6 000 000	20 000
Robust isolated RS-485 bus between controllers with high stability and surge protection ³	✓	✓	-
Onboard communication port	TCP/IP	TCP/IP	TCP/IP
Weatherproof enclosure with lockable hinged access door	✓	✓	✓
Integrated power supply ⁴	5A	5A	5A
Battery backup	7Ah	7Ah	7Ah
Mains monitoring with a battery charging circuit and a low-voltage cut off	✓	✓	✓
Rotary coded address switch for easy addressing	✓	✓	-
Onboard OLED programmer diagnostic LEDs for easy testing	✓	✓	✓

1. Additional expansion modules required

3. Maximum 16 controllers per device network (unlimited device networks)

2. Either isolated or networked topology

4. Maximum controller output 3A

PROXIMITY READERS

SAFLEC readers cover the majority of proximity access control needs, with the Wiegand Reader SSR-202 connecting to Wiegand-compatible controllers.

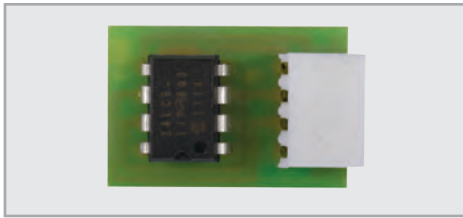
Technical Data	WIEGAND READER SSR-250 DKP	WIEGAND READER SSR-202	PROXIMITY READER SSR-201	USB TAKE-ON READER SSR-221
High-bright, tri-colour LED	✓	✓	✓	✓
Audible buzzer with different sounds for allowing and denying access	✓	✓	✓	-
Industry standard 125khz operational frequency	✓	✓	✓	✓
Reads Hitag1, Hitag 2, EM4102 card technologies	✓	✓	✓	✓
Rotary-coded address switch for easy addressing	✓	✓	✓	-
Configurable bitmasking for limiting card number length from 16 to 40 bits	✓	✓	✓	✓
Wiegand standard connection	✓	✓	-	-
USB Connectivity	-	-	-	✓



COMPREHENSIVE ACCESS CONTROL SYSTEM



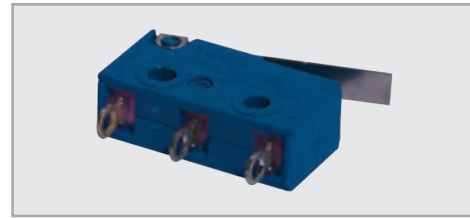
SMARTGUARD AND SMARTGUARD_{air} ACCESSORIES



MEMORY MODULE

Product Code: **CP108**

Create a backup of all users and settings stored in your keypad's memory using this compact and useful memory module.



ANTI-TAMPER SWITCH

Product Code: **CP19**

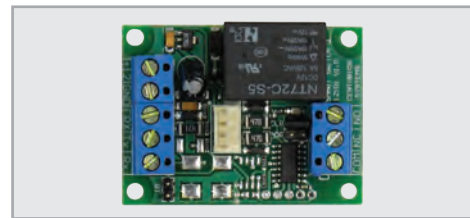
An optional independent tamper switch can be fitted to provide a contact indicating if the unit has been forced open, or removed from its mountings.



ANTI-KNOCK SHIELD

Product Code: **SK/AKS**

An anti-knock shield constructed from brushed Grade 304 stainless steel.



SMARTSWITCH II

Product Code: **SMARTSW2V1**

An interface board that provides additional security. It will only respond to a coded signal from the SMARTGUARD keypad. This ensures that - unauthorised person can not operate the device by simply opening the keypad and shorting wires to trigger the device.



RELAY SWITCH

Product Code: **CP106**

This optional controller interfaces with the open collector output of the SMARTGUARD hard-wired keypad to provide a potential-free contact (normally-open/normally-closed). It can be used to operate a door lock, gate operator, roller-shutter operator, traffic barrier, etc.



NOVA AND NOVA HELIX SINGLE- AND MULTICHANNEL RECEIVERS

Various products available - refer to Price List

SMARTGUARD_{air} interfaces with the high-security NOVA / NOVA HELIX codehopping receivers.



ACCESS CONTROL KITS

SOLO STANDALONE SYSTEM KIT

Product Code: **SOLO0001V1**

- 1 x SOLO reader – Surface or Flush-Mount **A**
- Order tags as needed **F1**

LATTICE CONTROLLER KIT

Product Code: **LATC0003V1**

- 1 x Lattice controller – Surface or Flush-Mount **B**
- Order tags as needed **F1**

LATTICE SLAVE KIT

Product Code: **LATS0001V1**

- 1 x Lattice Slave Head – Surface or Flush-Mount **C**

LATTICE TAKE-UP HEAD KIT

Product Code: **LATTUH01V2**

- 1 x Lattice Take-up Head, USB-type **C**
- 1 x Software package **C**

SAFLEC SDC-320 DOOR CONTROLLER KIT

Product Code: **SFSDC32000**

- 1 x Lockable enclosure including **E**
 - 1 x Controller **E**
 - 1 x Power supply **E**
 - 1 x Battery **E**
- Order tags as needed **F2**

SAFLEC SDC-620 DOOR CONTROLLER KIT

Product Code: **SFSDC62000**

- 1 x Lockable enclosure including **E**
 - 1 x Controller **E**
 - 1 x Power supply **E**
 - 1 x Battery **E**
- Order tags as needed **F2**

SAFLEC SDC-650 DOOR CONTROLLER KIT

Product Code: **SFSDC65000**

- 1 x Lockable enclosure including **E**
 - 1 x Controller **E**
 - 1 x Power supply **E**
 - 1 x Battery **E**
- Order tags as needed **F2**

SMARTGUARDAIR KIT

Product Code: **SK/AIR_R1B**

- 1 x SMARTGUARDair keypad including: **D**
 - 2 x AA Alkaline batteries **G**
- 1 x NOVA Single-channel **CENTURION** receiver **H**



A

SOLO
reader



B

Lattice
reader



C

Lattice Take-up
head and software



D

SMARTGUARD and
SMARTGUARDair keypad



E

SAFLEC SDC-320;
SDC-620; SDC-650



F1

F2

Access
tag



G

AA Alkaline
batteries



H

Single-channel NOVA /
NOVA HELIX receiver

NETWORKED PROXIMITY ACCESS CONTROL SYSTEM

SAFLEC SOFTWARE

COMPREHENSIVE ACCESS CONTROL SYSTEM

SAFLEC Software is available in three different levels to suit the needs of any installation, - no matter how large and sophisticated, or small and simple.

The Corporate Edition is the most comprehensive package, followed closely by the Professional Edition.

The Standard Edition is a good solution for smaller installations where the full functionality of the **SAFLEC** system is not required.

MAIN FEATURES

- Easy user-friendly installation and administration
- Anti-passback, Timed Anti-passback and Zone Control for greater security
- Flexible Time & Accumulation exporting
- Site-based configuration and hardware filtering ¹
- Graphical event and alert monitoring and control ¹
- PC-based actions for controlling third party devices such as CCTV, intrusion and fire systems ¹
- Tag-holder sequencing tasks (enforcing Time & Attendance clockings) ¹
- Quick search filters, low bandwidth setting and on-the-fly configuration ¹
- Random search and tag-holder counters for scripting ¹

¹. Corporate edition only

	Corporate Edition SSS-110	Professional Edition SSS-130	Standard Edition SSS-100
Flexible Time & Accumulation exporting	✓	✓	✓
Multiple companies and departments	✓	✓	✓
Mantrap (Booth) and turnstile operation supported	✓	✓	✓
16 powerful schedules per controller	✓	✓	✓
32 public holidays integrated into schedules	✓	✓	✓
Maximum number of doors supported	Unlimited	12	8
Timed Anti-passback, Anti-passback and Zone Control	✓	✓	✓
Card capture/drop-box function available	✓	✓	✓
Biometric reader integration	✓	✓	-
Supports Personal Assistant Software SSS-120	✓	✓	-
Supports Remote Client Software SSS-101	✓	✓	-
64 event controlled Counters or Timers per Controller	✓	-	-
Configurable extra data fields with automatic lists, dropdown lists, photographs or notes fields	✓	-	-
Tag-holder sequencing tasks (enforcing Time & Attendance clockings)	✓	-	-
Site-based configuration and hardware filtering	✓	-	-
Site-based configuration and hardware filtering	✓	-	-
Graphical event and alert monitoring and control	✓	-	-
PC-based actions for controlling third party devices	✓	-	-
Quick search filters, low bandwidth setting and on-the-fly configuration	✓	-	-
Random search and tag holder counters for scripting	✓	-	-

- ¹. Personal Assistant Software SSS-120 is a visitor management, data capture solution which is ideal for picture capturing, card design and biometric reader take-on. Includes card printer capability - supports Windows drivers
- ². Remote Client Software SSS-101 provides additional administrators full use of the master software from remote computer terminals





SAFLEC EXPANSION BOARDS COMPREHENSIVE ACCESS CONTROL SYSTEM

Expansion boards offer a seemingly never-ending list of additional functionality to the **SAFLEC** system. From adding additional inputs and outputs and increasing memory to converting the interface protocol, virtually all potential user requirements are catered for.

SEB-722 REMOTE I/O EXPANSION BOARD

Product Code: **SF5SEB72200**

- 2 x Outputs (potential-free/powered)
- 4 x Digital/analogue inputs
- Support for 2 x Wiegand device or 4 x RS-485 readers
- Connects to SDC-550 and SDC-520/620/650 on reader network
- Lockable enclosure
- Power supply
- Battery

SEB710 I/O EXPANSION BOARD

Product Code: **SF5EB71000**

- Extends the I/O capabilities of the SDC-520/620/650 Multiple Door Controller
- 8 x Relay outputs (configure as either powered or potential-free contacts)
- 8 x Programmable digital inputs
- 8 x Multi-purpose I/O points
- (set as either inputs or outputs)

SEB 721 REMOTE I/O EXPANSION BOARD WITH ONBOARD RECEIVER

Product Code: **SF5SEB72100**

- 4 x receiver channels; each receiver can control up to four buttons
- Each transmitter will have a unique number that will be linked as a card holder
- Connects to SDC-550 SDC-520/620/650 and SDC-520 on reader network

SSI-301-W WIEGAND TO RS-485 CONVERTER BOARD

Product Code: **SFSSI300WO**

- Converts Wiegand data into the RS-485 used by the SDC-550 Multiple Door Controller, the SDC-520/620/650 Ethernet Controller and the SEB-720 remote I/O board
- Small, space-saving board for unobtrusive installation behind a device, or within the controller cabinet
- In-circuit programming for easy product updates
- Rotary-coded address switch for easy addressing
- Requires 12V DC power source

COMPREHENSIVE ACCESS CONTROL SYSTEM

BIOMETRIC COMPONENTS

BIOMETRIC FINGERPRINT READERS

Adding a biometric reader significantly increases the security of any access control installation by providing a formidable biometric identification system that is very difficult to circumvent.

Centurion Systems is a proud stockist of the award-winning **ViRDI** range of biometric access control devices.



ViRDI AC2100 AND AC2100H RF READER - BIOMETRIC READER

Product Code: **VIRDAC2100**

The **ViRDI AC2100** is a practical and affordable fingerprint reader with Fake Fingerprint Detection technology. **ViRDI**'s patented fingerprint authentication technology taken to the next level with network compatibility and an even larger user template capacity on the AC2100H.

MAIN FEATURES

- 100 user and 200 fingerprint template capacity (VIRDA2100)
- 1500 user and 1500 fingerprint template capacity (VIRDA2500)
- Patented **ViRDI** Fake Fingerprint Detection – can detect fingerprints made from paper, silicone, wax, etc.
- IPX3 rating – IPX is an international waterproofing standard; it can be installed in virtually any location
- Built-in RF card module for added security or to facilitate 1:1 searches
- Auto-sensing – saving energy and reducing battery usage during power failures
- Voice prompting – easy operation for first time users
- High-performance processor – fast operating and processing speeds
- Can operate in Standalone Mode or on a TCP/IP network
- OSDP compatible (Firmware Upgrader required)



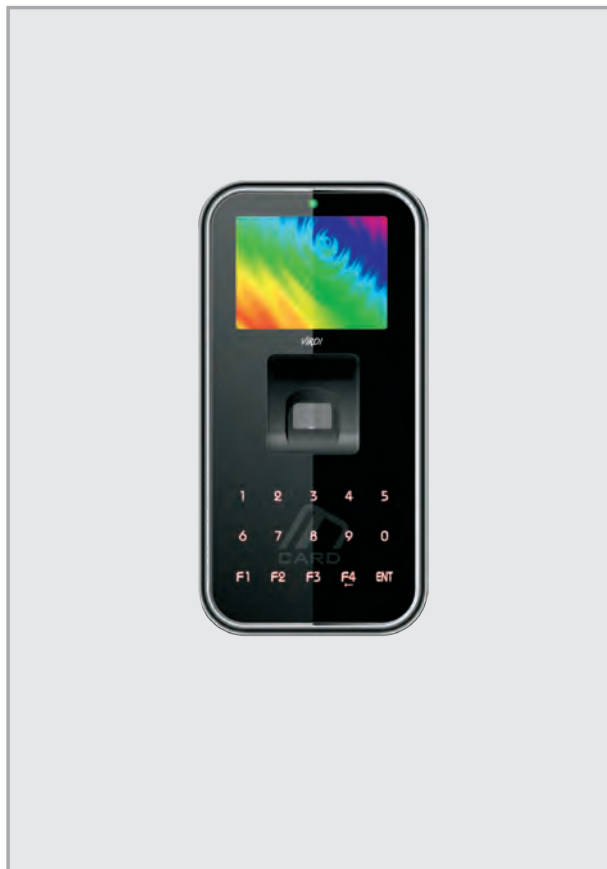
ViRDI AC2200 AND AC2200H RF BIOMETRIC READER

Product Code: **VIRDAC2200 / VIRDAC2200H**

The AC2200 is an mid-range Biometric Terminal complete with an 125KHz card reader. The terminal is utilised in exterior or harsh environments.

MAIN FEATURES

- Highest Ranked Algorithm (FVC Ongoing)
- Patented Live & Fake Fingerprint Detection
- Patented Fingerprint Sensors
- Patented Communication Protocol
- IP65 Ingress Protection Rated
- 44.9 x 44.96 mm Colour LCD
- 1 000 Card users / 2000 finger print capacity (AC2200)
- 1 000 Fingerprint users (1:N) / 5000 finger print capacity (AC2200H)
- **ViRDI** Mobile Card capable
- UNIS-B PLUS via Bluetooth (Android and IOS only)
- 100 000 Event Log
- Identification 1:1000 > 1 sec
- Bluetooth Low Energy (BLE)
- Standalone or Network
- OSDP compatible (Firmware Upgrader required)



VIRDI AC5000 READER BIOMETRIC READER

Product Code: **VIRDAC5000**

The **VIRDI AC5000** RF Fingerprint Reader incorporates state-of-the-art design, elegant looks and a robust IP65-rated housing, designed to withstand any weather conditions. It has a customisable colour LCD screen, with an LED touch keypad (i.e. - plastic/rubber buttons which can wear out).

MAIN FEATURES

- IP65-rated Outdoor Fingerprint Reader – use in any environment
- 20 000 card user and 15 000 fingerprint template storage capacity
- Patented **VIRDI** Fake Fingerprint Detection – can detect fingerprints made from silicone, wax, etc.
- High-performance processor/CPU – fast operating and processing speeds
- Can operate in Standalone Mode or on a TCP/IP
- Built-in RF card module for added security and to facilitate 1:1 searches
- Auto-sensing – saving energy and reducing battery usage during power failures
- OSDP compatible (Firmware Upgrader required)



VIRDI USB ENROLMENT DEVICE BIOMETRIC READER

Product Code: **VIRDAFOH02**

The FOH02 is a USB take-on reader for enrolling large amounts of users on a **VIRDI** Access Control System.

MAIN FEATURES

- 125KHz Proximity Card and Fingerprint Enrolment Support
- Detecting fake fingerprint materials such as paper, file, silicon, rubber, etc.
- 500DPI optical sensors
- Insert into PC's USB port for easy recognition and installation

BIOMETRIC FINGERPRINT READERS