ACCESS CONTROL

Unlock the future of security with CENTURION's intelligent range of proximity and biometric access control devices

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

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

125mm

85mm   29mm   25mm   10mm

Surface-mount

Flush-mount

www.centsys.com
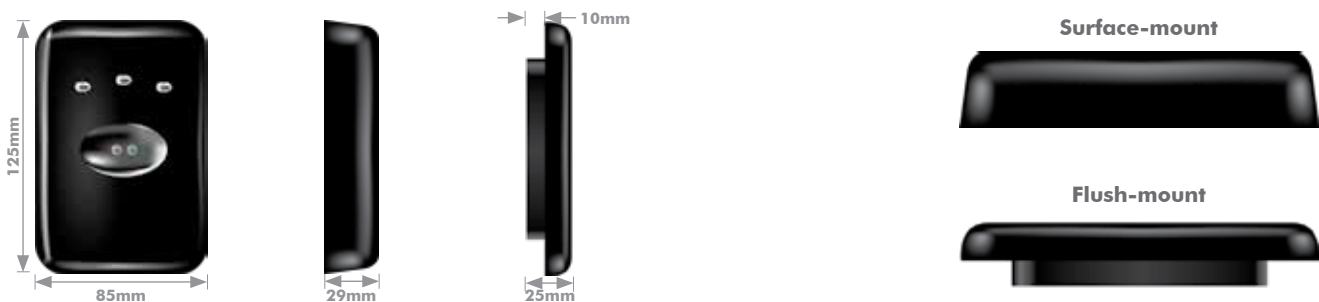
LATTICE NETWORKED
PROXIMITY ACCESS CONTROL SYSTEM

Start as a standalone proximity unit and expand into a powerful **Lattice** 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

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)	√	√
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	
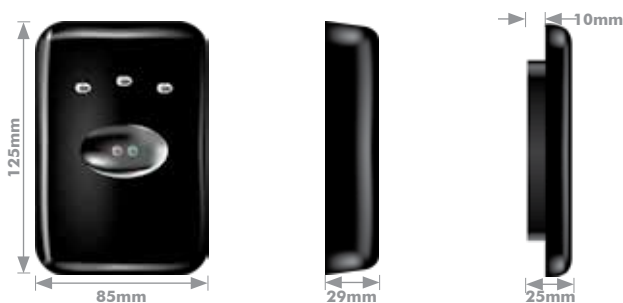
LATTICEWARE NETWORKED
PROXIMITY ACCESS CONTROL SYSTEM

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 even 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
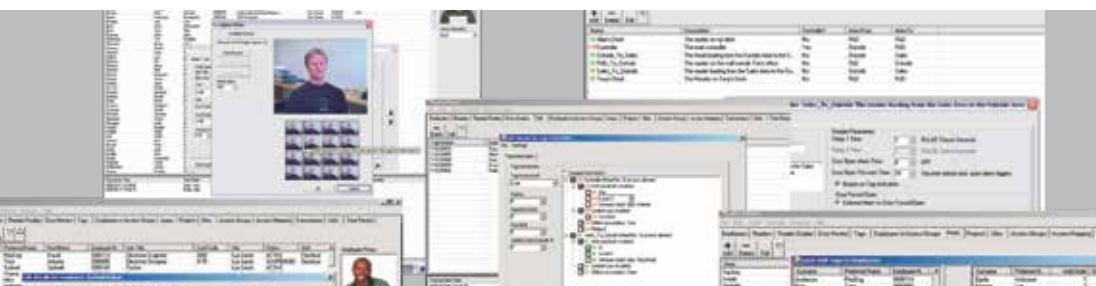
SOLO AND LATTICE ACCESSORIES


SMARTSWITCH II

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/LATTICE ANTI-KNOCK SHIELD

A Grade 304 stainless steel enclosure with a stylish and durable brushed finish for protecting your SOLO and lattice reader form getting knocked and damaged
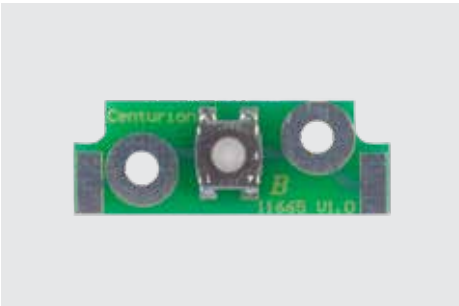
SOLO AND LATTICE TAMPER INDICATION SWITCH

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.
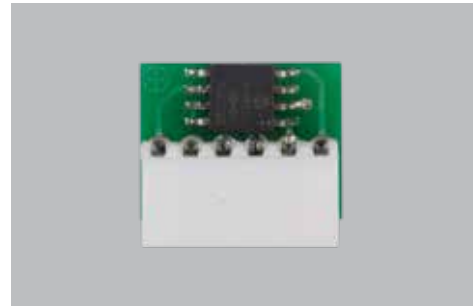
BACKUP MEMORY MODULE LATTICE CONTROLLER

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

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.

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

SMARTGUARDair: High-security, wireless keypad access control.

SMARTGUARD

SMARTGUARDair

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

SMARTGUARDair

- 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

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 humidity	0-90%[1]	
Operating range	NA	Up to 30m[4]
Battery life	-	Two to five years[2]
Operating frequency	NA	433MHz
Outputs	Three (One relay output, two open collector outputs) Up to 15 individual channels	Up to 15 individual channels[5]
Output pulse time range	1 – 255 sec (adjustable) or latched	NA
Memory	1 000 user codes	
Limited-uses codes[3]	1 - 254 activations	
Memory retention	>200 years	
Dimensions	Width:79.5mm x Depth: 38mm x Height: 131.5mm	
Housing material	Polycarbonate	
Colour	Black	
Degree of protection	IP55	
Packaging weight	215g	
Packaging dimensions	Length: 82mm x Width: 40mm x Height: 133mm	

1.   Non-condensing
2.   Subject to usage – refer to the Battery Low Indication section of the manual
3.   A code that will be automatically deleted from the system's memory after a user-defined number of activations
4.   This is specified as Line of Sight range
5.   Requires CENTURION code-hopping receiver(s)

131.5mm

79.5mm   38mm
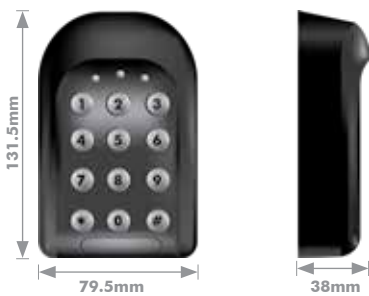
SAFLEC
COMPREHENSIVE ACCESS CONTROL SYSTEM

An excellent access control system for 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.
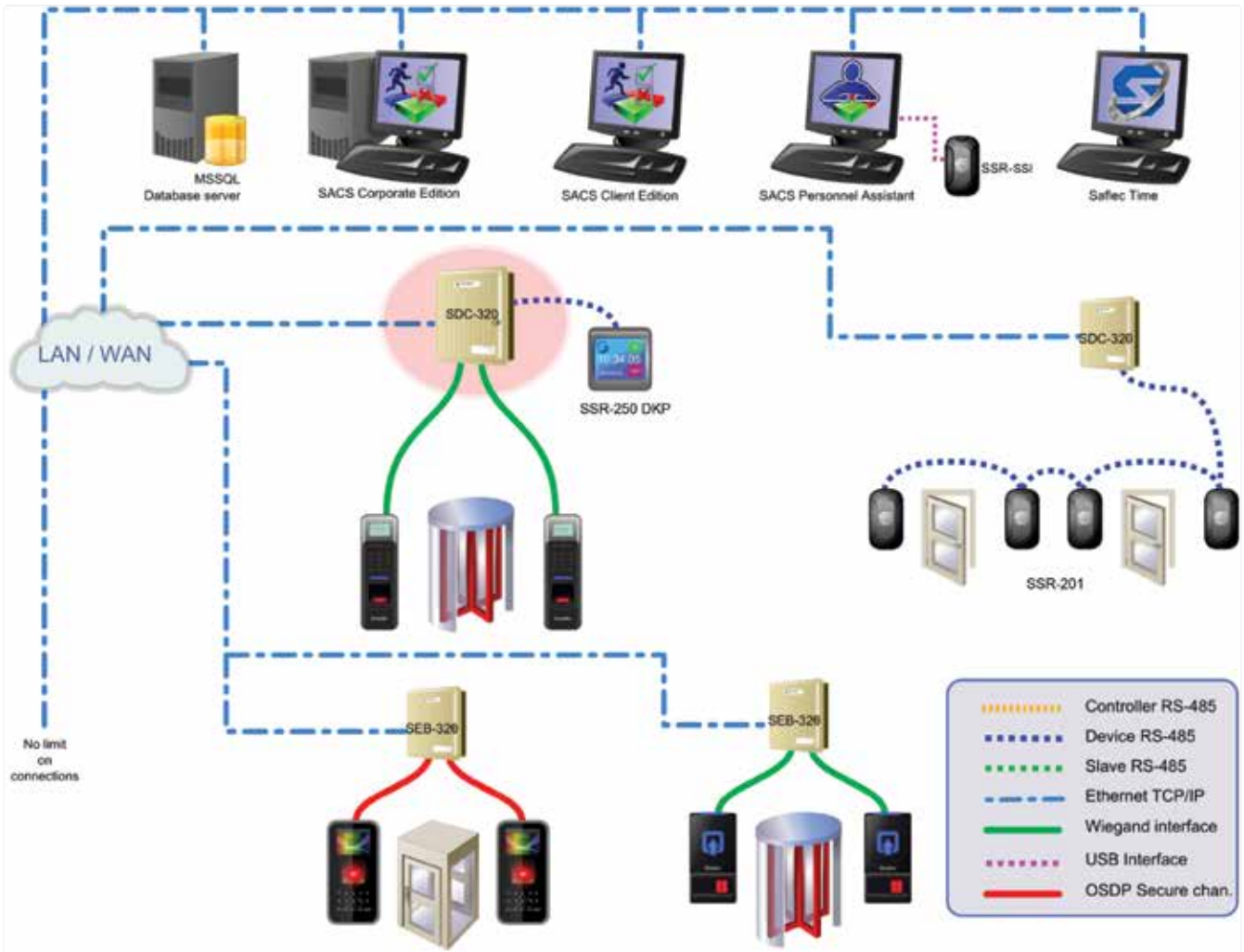
The network integrates with various protocols such as Wiegand; RS-485 and RS-232 allowing, for network flexibility.

MAIN FEATURES

- Networked, scalable access control system
- Easy, user-friendlyinstallation 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
- High-bright, Tri-colour LED
- Audible buzzer with different allow and deny sounds
- Industry standard 125khz operational frequency
- Reads Hitag1, Hitag2, EM4102 card technologies
- In-circuit programming for easy product updates

- Rotary coded address switch for easy addressing
- Configurable bitmasking for limiting card number length to 16, 24 or 32 bits

EXAMPLE OF A TYPICAL SYSTEM CONFIGURATION

	MSSQL Database server	SACS Corporate Edition	SACS Client Edition	SACS Personnel Assistant	SSR-SSI	Saflec Time

LAN / WAN

SDC-320

SSR-250 DKP

SDC-320

SSR-201

No limit on connections

SEB-320

SEB-320

Legend	
··········	Controller RS-485
■ ■ ■ ■ ■ ■	Device RS-485
■ ■ ■ ■ ■ ■	Slave RS-485
▬ ▬ ▬ ▬	Ethernet TCP/IP
———	Wiegand interface
■ ■ ■ ■ ■ ■	USB Interface
———	OSDP Secure chan.

SAFLEC
COMPREHENSIVE 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 of 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.

MAIN FEATURES

SDC-320 (replacement for SDC-220)

- Offline operation; intelligence at door controller
- Onboard TCP/IP communications
- Secure enclosure designed for easy installation
- 15V DC 5A power supply + 7Ah battery backup included
- Mains monitoring with a battery-charging circuit and a low voltage cut off
- Two onboard Wiegand interface connections
- RS-485 communications for additional readers
- Four programmable digital inputs
- Two programmable relay outputs (powered or potential-free)
- 20,000+ offline transactions
- 20,000+ offline system logs
- 1,000 cardholders
- Pushbutton or egress override support
- 256 powerful offline event / action combinations
- Network-capable programming for easy product updates
- Diagnostic LEDs for easy testing
- Independent, dedicated tamper and fire inputs

.

SDC-620 (replacement for SDC-520)

- Offline operation; intelligence at the door controller
- Onboard TCP/IP and RS-232 communications
- Network-capable programming for easy product updates

- Secure enclosure designed for easy installation
- 15V DC 5A power supply + 7Ah battery backup included
- Mains monitoring with a battery charging circuit and a low voltage cut off
- Robust isolated RS-485 controller network topology
- Robust isolated RS-485 communications for up to 16 terminals
- Two Wiegand interface connections
- Four digital / analog inputs
- Two internally-powered or potential-free individually-fused relay outputs
- 6.5 Million offline transactions which are only stored for 180 days
- 3.25 Million offline system events which are only stored for 90 days
- 250,000 tag holders, with a maximum of four cards/tags per card holder. (1 000 000 tags/cards)
- Onboard OLED programmer and diagnostic display
- Expansion module header
- Dedicated / Automatic fire input
- Dedicated tamper input
- 256 powerful offline event / action combinations
- Diagnostic LEDs for easy testing

MAIN FEATURES (continued)

SDC-650 (replacement for SDC-550)

- Offline operation; intelligence at door controller
- 250 000 Tag Holders each with a maximum of our tags, thus 1 000 000 Tags
- 6 500 000 offline transactions that is kept for a maximum of 180 days
- 3 250 000 offline system logs that is kept for a maximum of 90 days
- Eight digital inputs
- Dedicated Fire and Tamper Inputs
- Five relay outputs (either powered or potential-free contacts)
- Numerous diagnostic LEDs e.g. Input status
- Robust RS-485 communications to up to 16 terminals
- Robust isolated RS-485 controller network topology
- Onboard time/date battery backup

- 15V DC 5A power supply + 7Ah battery backup included
- Mains monitoring
- Secure enclosure designed for easy installation
- Three expansion headers for expansion modules
- RS-232 and TCP/IP communications onboard
- Card capture/drop-box function available on reader
- Each door provides two pushbuttons or egress overrides
- 256 powerful offline event / action combinations
- Network-capable programming for easy product updates
- Auxiliary 12V DC output
- SD Card used for data storage

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
2. Either isolated or networked topology
3. Maximum 16 controllers per device network (unlimited device networks)
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	8	8	2	2
Audible buzzer with different sounds for allowing and denying access	1 000 000	1 000 000	1 000 000	1 000 000
Industry standard 125khz operational frequency	16	16	4 (isolated)	4 (isolated)
Reads Hitag1, Hitag 2, EM4102 card technologies	5	2	2	2
Rotary-coded address switch for easy addressing	8	4	4	4
Configurable bitmasking for limiting card number length from 16 to 40 bits	-	2	2	2
Events and actions on controller	√	√	-	-
Controller offline transaction buffer capacity	6 000 000	6 000 000	20 000	20 000
Wiegand standard connection	√	√	-	-
USB Connectivity	TCP/IP	TCP/IP	TCP/IP	TCP/IP

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

SDC-320 (replacement for SDC-220)

- 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

Technical Data	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	√	-	-
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	√	-	-

SAFLEC EXPANSION BOARDS
COMPREHENSIVE ACCESS CONTROL SYSTEM

Expansion boards offer 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: **SFSSEB72200**
- 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

SEB 721 REMOTE I/O EXPANSION BOARD WITH ONBOARD RECEIVER
Product Code: **SFSSEB72100**
- 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

SEB710 I/O EXPANSION BOARD
Product Code: **SFSEB71000**
- 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)

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

www.centsys.com

BIOMETRIC COMPONENTS
BIOMETRIC FINGERPRINT READERS

Adding a biometric reader significantly increases the security of any access control installation by providing an 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

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

VIRDI AC2200 AND AC2200H RF BIOMETRIC READER

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

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 environment
- 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)

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

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).

VIRDI USB ENROLMENT DEVICE
BIOMETRIC READER

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

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)

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

SMARTGUARD AND SMARTGUARDair ACCESSORIES
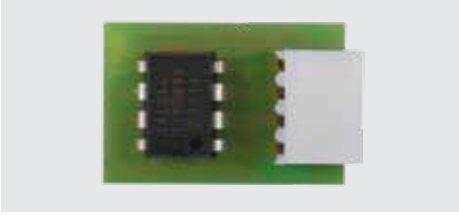
MEMORY MODULE

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

ANTI-TAMPER SWITCH

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

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

NOVA AND NOVA HELIX SINGLE- AND MULTICHANNEL RECEIVERS

SMARTGUARDair interfaces with the high-security NOVA / NOVA HELIX code-hopping receivers.

RELAY SWITCH

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.

SMARTSWITCH II

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

ACCESS CONTROL KITS

SOLO STANDALONE SYSTEM KIT

Product Code: **SOLO0001V1**
- 1 x SOLO reader – Surface or Flush-Mount **A**
- Order tags as needed **F**

LATTICE CONTROLLER KIT

Product Code: **LATC0003V1**
- 1 x Lattice controller – Surface or Flush-Mount **B**
- Order tags as needed **F**

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**

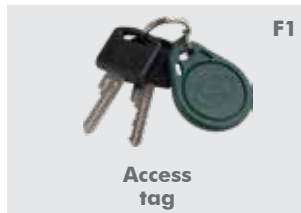### SAFLEC SDC-320 DOOR CONTROLLER KIT

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 **I**

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 **I**

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 **I**

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
Access tag

G
AA Alkaline batteries

H
Single-channel NOVA / NOVA HELIX receiver

I
Access tag
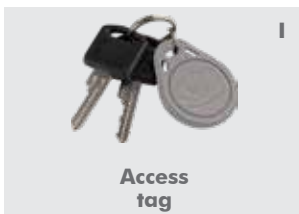
OUR DIGITAL AND ONLINE BRAND PRESENCE AND SUPPORT

WEBSITE

- Landing pages in French, Spanish, Portuguese and Thai
- Access to product documentation, comparison charts and diagnostic guides
- Device software
- G-WEB PLUS interface for administering CENTURION GSM devices
- Massive library of useful articles
- http://www.centsys.com

SUPPORT

- Dedicated technicians, unrivalled backup support and friendly and efficient sales personnel
- Technical support in all official languages, as well as French, Spanish and Portuguese
- Call centre operates 7am to 6pm (GMT +2), Monday to Friday and 8am to 4:30pm (GMT +2) on Saturdays

SOCIAL MEDIA

- "Like" our Facebook page (www.facebook.com/centurionsystems) and follow us on Twitter (@askCenturion) for all the exciting company news, launches, roadshows, competitions as well as technical and sales support
- Subscribe to our YouTube channel for access to an extensive library of how-to videos and tutorials
- Interesting and innovative installations from around the world, including unusual uses of CENTURION products
- Are you on our YouTube channel? Showcase your installations!

NEWSLETTER

- Fantastic way of staying abreast of company news, developments, events and functions, new products and enhancements to existing range

INDUSTRY-LEADING PRODUCT TECHNOLOGIES

TECHNOLOGY

CENTURION products feature a host of industry-leading technologies, all conducive to greater security, greater convenience and superior functionality. Just some of the advanced technologies found in our products are:

- **ChronoGuard** – a world-first timer technology that allows the user to set a myriad Auto-activation and Time-barring functions using the onboard Real Time Clock and Calendar, which tracks the date up to the year 2099

- **Intruder-detection Alarms** – The novel feature-set – consisting of the Beam Alarm and Ambush Alarm - ups the security ante even further by providing an audible output when the infrared gate safety beams are obstructed, or remain interrupted for a pre-defined period of time

- **Code-hopping technology** – CENTURION remote controls are equipped with code-hopping encoders which process the outgoing transmission through a sophisticated encryption engine, making copying and cloning virtually impossible. No two transmitted codes will ever be alike

- **Onboard diagnostics** – Our D-Series range provides both audible and visual feedback of the gate status at any given time. In addition, a designated diagnostic screen makes fault-finding a breeze

- **High-volume capability** – CENTURION operators are designed to work hard, and work hard they do – with some operators such as the SECTOR II traffic barrier being capable of performing in excess of 3000 operations every single day