CENTSYS

S○lo
Proximity Access Control

Secure,
simple,
cost-effective...

Proximity Access Control

The **SOLO** range of standalone proximity tag readers works on a very simple, but very enduring philosophy: THE POWER OF ONE.

Using the latest RFID technology, and with simple programming and administration, **SOLO** is designed for simple standalone applications where security, cost and simplicity are important.

Letting your access control system 'fly **SOLO**' might just be the best decision you ever make!

Features and Benefits

50 shades of access control

Up to 50 unique access tags can be learned effortlessly into the **SOLO**'s memory, making it the automatic choice for smaller access control applications.
The Zap Tags developed for the **SOLO** range fit neatly onto a keyring and can be fitted with an identification label.

It's got great eyesight

Near-sightedness is something that **SOLO** readers definitely can't be accused of! Using the latest 13.56MHz RFID tag technology which is fast becoming a world standard, **SOLO** is able to deliver exceptional read range.

Simple adding and deleting

Programming of tags is exceptionally easy using one of two 'master' tags and three LEDs on the face of the reader. Using the intuitive Quick Learn feature, tags can be inputted into a new unit in a matter of seconds, and ID Learn allows tags to be learned into specific ID locations (groups) for simplified maintenance and later traceability.

Tags can be deleted by either physically presenting a tag to the reader, deleting an ID location (without physically having the tag available) or deleting all tags in the system.

Easily configurable output

The **SOLO** reader's single-channel output can be configured as a potential-free contact, either pulsed or latching, to operate any number of devices from a door lock, gate motor or traffic barrier to an alarm system.

The system also features a free-exit input which can be used for a pushbutton on the inside of the access point for exiting.

Very secure

SOLO might be a standalone system, but it has the security savvy of an army!
The reader's output channel can be configured to operate with a CentSys SmartSwitch II interface board, which is mounted directly at the door lock, gate motor, etc., to prevent tampering of the wiring between it and the reader. The system also offers an alarm output that can be connected to a third party alarm and allows Door Forced and Door Open alarms.

There's no question about whether SOLO can weather the weather...

Both the surface and flush mount readers are fully weather-resistant. In addition, an optional rugged stainless steel anti-knock shield is available for outdoor sites where vandalism is likely to be encountered, or where the unit needs to be mounted on a gooseneck.

Feature and Function

	SOLO
Number of tags (including Masters)	51
Number of Master tags	2
Voltage-free relay output	Yes
Relay time configurable (Off/1 - 254sec/latch)	Yes
Door Open Timer (0 - 254sec/continuous)	Yes
Door Open Pre-warn Timer (0 - 254sec/continuous)	Yes
Door Open Alarm (Off/1 - 254sec/continuous)	Yes
Door Forced Alarm (Off/1 - 254sec/continuous)	Yes
User interface	5 LEDs
Door sense input	Yes
Free-exit input	Yes
Onboard buzzer	Yes
Output for optional external alarm	Yes
SmartSwitch II compatible	Yes
Anti-tamper switch facility	Yes
Networkable	No
Anti-passback	No
Firmware upgrade facility	Yes

Technical Specifications

Input voltage	10V - 12V AC or 11 - 15V DC

Current draw
    Standby
    Operating
	
	110mA
	150mA

Tag Frequency	13.56MHz
Read range	80 - 100mm

Reader dimensions
    Surface mount
    Flush mount
	
	129mm H x 90mm W x 30mm D
	124mm H x 86mm W x 15mm D

Weight	0.1kg
Temperature range	-20 to +50° C
Humidity	0-90% non-condensing