

Access Control Module

SC-1000-02 Access Control Module

SC-1000-02 access control module can manage one two way or two one way access points.

Practically all kinds of available tag (card) readers and electronically controllable access blocking devices (magnetic strikes, turnstiles, speed-gates, barriers, e.t.c.) can be connected to it.

Technical specifications

Type	SC-1000-02 Access Control Module
Installation / operation	It can be installed separately but only operates under the control of SC-1000-01.
Power connections	Independent module and device connections
Power	12V DC
	Local or centralised power from SC-1000-01
Current requirements	
Stand-by	58mA (without tag reader)
Maximum	135mA (without tag reader)
Tag readers	2x ABA Track2 or Wiegand
Inputs	4x contacts NC or NO, 1x tamper
Outputs	2x relay dry contact
Communications	CAN 62,5kbps
	RS232
Operating temperature	-5 ÷ +50C°
Relative humidity	10% ÷ 95% non-condensing
Storage temperature	-20 ÷ +60C°

Access control module – indications, default settings

Type	SC-1000-02 Access Control Module
<u>LED displays:</u>	
• LD1 / POWER:	Red - power
• LD2 / DIAG: Amber, operating status of the module:	Continuously on: OK
	Turns On & OFF in every second: Connections is OK, not configured
	Short flash in every 5 seconds: there is no CAN connection with the controller
• LD3 / CAN RX:	CAN bus communications
• LD4 / CAN TX:	
<u>Jumpers:</u>	
• JP1 / CAN TERMINATOR:	Connecting CAN bus terminating resistor at the end of the CAN bus
<u>Push button:</u>	
• RES / RESET:	Module restart (HW reset)



Main features

- CAN bus
- 2x tag reader interface
- 4x dual-state input
- 2x relay output
- Tamper sensing
- RS-232 interface (not used for WebStar version).

Manageable tag readers

- MIFARE
- HID
- INDALA
- EM (ASK)
- UHF readers
- HYPER-X

ABA track2 or Wiegand interface types.

Facility code (FC) or ID only management or the combination of them.

Manageable access blocking devices

All kinds of

- magnetic strikes
- turnstiles
- speed-gates
- barriers
- etc.

Note:

There is a "Wiring Instruction" guide is available for the system to provide help for connecting the various readers and access blocking devices.