

SPCA210

SPC 2-Door Access Control Expander

VANDERBILT



SPC 2 Door Access expander

Vanderbilt's SPCA210 combined with the SPC panel offers customers the ability to provide a low cost access functions to their intrusion system. When added to the SPC the system will automatically assign doors to the expander and provide powerful access functions. The access functions are designed to work in cooperation with the intrusion system allowing for system control and status information. Standard intrusion users can be extended with access functionality by simply adding a card. Intrusion and access rights are interlinked ensure security and safety.

Key Features include:

- Intrusion system control
- Configurable access rights
- Standalone
- Easy configuration
- Door monitoring
- Remote access
- Card per user
- Door monitoring
- Cause and effect intergration
- Interlock
- Anti passback
- Custodian
- Emergency unlock
- Card and pin configuration options
- Configurable zone type
- Audio and Video Verification option

Key Numbers:

- 2 reader interface
- 2 DPS inputs
- 2 DRS inputs
- 2 Outputs
- 512 Offline cards
- 20+ reader formats

Reader formats:

- Wiegand 26 bit
- Wiegand 36 bit
- EM4102
- Cotag
- HID 37
- AR618
- HID iClass Mifare
- Other Wiegand formats

Operations:

- Card and code
- Card only
- Code only
- Arm/disarm system
- Cause and effect integrated





Features & Benefits

■ Intrusion system control

The SPC system provides a powerful portfolio of options that Allow for system control. Each door can be configured to arm and disarm the system. With additional functions to prevent accidental arming.

■ Configurable user rights

A users access to a door can be allow, blocked or configurable by calendar. This can be further expanded by the fact that each user can have up to 5 profiles assigned allowing for almost all configurations.

Intrusion areas when armed cannot be access by users who do not have rights to disarm.

■ Standalone

Each SPCA210 has the capacity to operate when communicates to central SPC has been lost. This provides a sub set of users (512) card permissions to each door.

■ Easy configuration

The integration of the intrusion and access system means that the configuration of users is faster and easier to explain to customers, a single system for access and intrusion, providing users with a single pin. Using the web interface or keypad you can quickly and easier enrol cards and configure the door configuration.

■ Door monitoring

The inputs on the module can also be used as part of the intrusion system, zones can be configured as Alarm, Entry/Exit, Tech or unused.

Inputs and outputs when not assigned to door can be freely used.

■ Remote Access

Using SPC connect or the SPC embedded web server users can remotely grant access to users, lock and unlock doors.



■ Technical Data

Functional

Number of on-board zones	4, for door release switch (DRS) and door position switch (DPS), or freely programmable
EOL resistors	Dual 4k7/4k7 (default),
Number of on-board relays	2, for door locks or freely programmable (single-pole changeover, 30 V DC / max. 1 A resistive switching current)
LED indicators	4 outputs (1 void and 1 valid per reader)
Number of card readers	2

Power and Mechanical

Operating voltage	9.5 ~ 14 V DC
Operating current	Max. 80 mA at 12 V DC (all relays activated)
Quiescent current	Max. 45 mA at 12 V DC
Operating voltage	9.5 ~ 14 V DC
Operating current	Max. 80 mA at 12 V DC (all relays activated)
Tamper contact	Front spring tamper
Operating temperature	-10° ~ +50 °C
Housing	Plastic housing (ABS)
Colour	RAL 9003 (signal white)
Dimensions	200 x 153 x 47 mm (housing), 150 x 82 x 20 mm (PCB)
Weight	0.360 kg

Type	Art. No.	Description	Weight*
Expander	V54547-A101-A100	SPCA210	0.360Kg

* Total weight of the product inclusive of the weight of its accessories and packaging.

■ Additional Ordering Data

Type	Art. No.	Description
SPC Panels		
SPC6350.320-L1	V54541-C118-A100	SPC control panel, 16-512 zones, Ethernet, G5 metal housing
SPC6330.320-L1	V54541-C105-C100	SPC control panel, 8-512 zones, Ethernet, G3 metal housing
SPC5350.320-L1	V54541-C117-A100	SPC control panel, 16-128 zones, Ethernet, G5 metal housing
SPC5330.320-L1	V54541-C107-B100	SPC control panel, 8-128 zones, Ethernet, G3 metal housing
SPC5320.320-L1	V54541-C106-B100	SPC control panel, 8-128 zones, Ethernet, G2 metal housing
SPC4320.320-L1	V54541-C109-B100	SPC control panel, 8-32 zones, Ethernet, G2 metal housing
SPC4320.220-L1	V54541-C114-A100	SPC control panel, 8-32 zones, Ethernet, G2 housing with metal base and plastic cover
Keypads		
SPCK520.100-N	V54543-F115-A100	Compact Keypad with graphical display and audio
SPCK521.100-N	V54543-F116-A100	Compact Keypad with graphical display, card reader and audio
SPCK620.100	V54543-F110-A100	LCD keypad with graphical display
SPCK623.100	V54543-F111-A100	LCD keypad with graphical display, card reader and audio
SPCK420.100	V54543-F101-A100	LCD keypad with 2 x 16 characters
SPCK421.100	V54543-F102-A100	LCD keypad with 2 x 16 characters and integrated card reader
Expanders		
SPCE452.100	V54542-F107-A100	Expander with 8 outputs, back tamper
SPCE652.100	V54542-F106-A100	Expander with 8 inputs and 2 outputs, back tamper
SPCA210.100	V54547-A101-A100	2-door expander
SPCP432.300	V54545-C103-A100	Smart PSU with 2-door expander, G2-housing
SPCP433.300	V54545-C104-A100	Smart PSU with 2-door expander, G3-housing
SPCE110.100	V54542-F104-A100	Keyswitch expander with 2 LEDs and 3-position key switch
SPCE120.100	V54542-F105-A100	Indication expander with 16 LEDs, 4 function keys and integrated card reader
SPCW130.100	V54554-F101-B100	SiWay RF-expander
SPCP332.300	V54545-C102-A100	Smart PSU with 8 inputs and 2 outputs, G2-housing
SPCP333.300	S54545-C101-A100	Smart PSU with 8 inputs and 2 outputs, G3-housing
SPCP355.300	S54545-C105-A100	Smart PSU with 8 inputs and 6 outputs, G5 metal housing
Detectors		
PDM-I12	V54530-F114-A100	MAGIC PIR detector, 12m wide angle
PDM-I18	V54530-F106-A100	MAGIC PIR detector, 18 m wide angle
MK-1400	V54536-F101-A100	Magnetic contact

Accessories

IPAW8-10	V54538-F107-A100	Wireless personal alarm
IRCW6-11	V54543-F109-A100	SiWay remote control, white replaceable battery
IPAW6-10	V54538-F108-A100	Wireless Personal Alarm Button

Verification

SPCV340.000	V54542-F108-B100	Audio expander with 4 inputs and 1 output
SPCV341.000	V54542-F109-B100	Audio expander with 4 inputs and 1 line output
SPCV310.000	V54542-F120-A100	Audio satellite
SPCV440.000	V54542-F118-A100	Combi audio expander for MAGIC motion detectors with 4 inputs and 1 output
SPCV410.000	V54542-F119-A100	Combi audio satellite for MAGIC motion detectors
CCMS2010-IR	S54561-C112-A100	1/2.7" 2MP Compact IP Camera PoE(LAN)

Access

HFS LWA AES / CDA2	V54547-Z101-A100	HF reader
HFS TKWA AES / CDA2	V54547-Z102-A100	HF reader with keypad
HFS LWA APW / CDA2	V54547-Z101-A200	HF reader
HFS TKWA-APW / CDA2	V54547-Z102-A200	HF reader with keypad
AR6181-MX	6FL7170-8BK	Multi-technology card reader
PP500-EM	V54501-F1-A1	Heavy-duty card and PIN reader
AR6182-RX	6FL7170-8AE	Multi-technology card and PIN reader

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