

# SPCE120

SPC Indication and control Expander

VANDERBILT



## SPC Indication and control Expander

Vanderbilt's SPCE120 combined with the SPC panel offers customers the ability to provide status information on the SPC system and the ability to control and interface with the system. Access to the module can be restricted by various elements of the system or by User EM4102 proximity card.

### Key Features include:

- Intrusion system control
- Easy configuration
- Cause and effect intergration
- Exchangable
- Configurable Output
- Universal configurable LEDs
- Authorised Access.

### Key Numbers:

- 4 configurable buttons
- 16 status LEDs
- 1 Proximity Reader

### Operations:

#### Button Functions

- Unset
- Full set
- Part Set
- Toggle Unset – Full set
- Toggle Unset – Part set
- All Okay
- Authorise Setting

### Operations:

#### Status LEDs options

- Area Status
- System status
- Zone follower
- Door Status
- Cause and effect status
- Entry status
- Fault status





### ■ Technical Data

#### Functional

LED indicators	16 tri-colour LEDs
Special keys	4 function keys, freely programmable
Card Reader	Integrated (125kHz, EM 4102)
Number of on-board zones	1
EOL resistors	Dual 4k7 (default), other resistor combinations configurable
Interfaces	X-BUS (in, out)

#### Power and Mechanical

Operating voltage	9.5 ~ 14 V DC
Operating current	Max. 70 mA at 12 V DC (all LEDs operated)
Quiescent current	Max. 30 mA at 12 V DC
Tamper contact	On-board front/back tamper switch
Operating temperature	-10° ~ +50 °C
Housing	Plastic Housing (Polycarbonate)
Colour	RAL 9003 (signal white)
Dimensions	112 x 92 x 28 mm
Weight	0.190 kg

### ■ Ordering Data

Type	Art. No.	Description	Weight*
Expander	V54542-F105-A100	SPCE120	0.190Kg

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

### ■ Additional Ordering Data

Type	Art. No.	Description
<b>SPC Panels</b>		
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
<b>Keypads</b>		
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
<b>Expanders</b>		
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	Keypad 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
<b>Detectors</b>		
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
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### 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

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



Learn more at [www.vanderbiltindustries.com](http://www.vanderbiltindustries.com)