



# SPC series – Application and Product Overview



**VANDERBILT**

[www.vanderbiltindustries.com](http://www.vanderbiltindustries.com)

# SPC series – Application and Product Overview

**VANDERBILT**



Small sized applications with stand-alone intrusion system connected to a Central Monitoring Station (CMS) – small convenience store or residential

**Intrusion products for this example:**

- PDM-I12:** Passive infrared motion detector
- AD700:** Glass break detector
- SPCK421:** LCD keypad with card reader
- CCMS2010:** Compact IP Camera WIFI
- SPC4000:** Intrusion control panel (wired and wireless) for small applications



Medium sized applications with multi-area intrusion system and connection to own control room – large supermarket with warehouse

**Intrusion products for this example:**

- PDM-I12:** Passive infrared motion detector
- PDM-I18T:** Passive infrared motion detector with real-time antimask surveillance
- AD700:** Glass break detector
- GM730:** Seismic detector
- SPCK620:** LCD comfort keypad with large display
- SPC5000:** Intrusion control panel (wired and wireless) for medium till large applications



Large and/or high-risk applications with multi-site intrusion system and central/remote monitoring – commercial bank

**Intrusion products for this example:**

- PDM-IXx18T:** Dual detector with real-time antimask surveillance
- UP370T:** Ultrasonic and passive infrared motion detector with antimask
- GM775:** Seismic detector
- SPCK623:** LCD comfort keypad with audio and card reader
- SPC6000:** Intrusion control panel (wired and wireless) for large and/or high-risk applications



	SPC Series 4000	SPC Series 5000	SPC Series 6000
Areas	4	16	60
Keypads	4	16	32
Wired / wireless zones (min. .. max.)	8 .. 32 / 8 .. 32	8 .. 128 / 16 .. 120	8 .. 512 / 16 .. 120
Outputs (min. .. max.)	6 .. 30	6 .. 128	6 .. 512
Users (max.)	100	500	2500
X-BUS devices	11	48	128
X-BUS ports / loop capability	1 / None	2 / yes	2 / yes
Doors (entry/entry-exit)	4 / 2	32 / 16	64 / 32
Log events Intrusion / Access	1000 / 1000	10000 / 10000	10000 / 10000
Calendars	4	32	64
Web-Server	integrated	integrated	integrated
Ethernet	SPC43xx	SPC53xx	SPC63xx
Voice assistance and verification	Supported	Supported	Supported
Verification zones	4	8	32
Individual language for users	Supported	Supported	Supported
Banking functions	Supported	Supported	Supported
Cabinet (max. battery size)	Plastic/Metal (G2: 7 Ah)	Metal (G2: 7 Ah G3: 17 Ah G5: 2x27 Ah)	Metal (G3: 17 Ah G5: 2x27 Ah)

# SPC series – Application and Product Overview

## SPC Tools

### Installer

#### Commissioning

Embedded web server

SPC Pro Programming software

#### Maintenance

Embedded web server

SPC Connect  
www.spconnect.com

SPCS310 Remote Maintenance  
Scheduled site status reports

SPS410 SPC Safe  
Configuration file history

### User

#### Remote Operation

Web Server /  
SPC Connect / SMS



SPC S610 SPC Manager  
User management tool

### CMS/ARC

#### Monitoring

SPCS510 SPC Com XT  
EDP/FlexC alarm receiver

### Technical partners

200+ different integrators providing  
ENAI RX8000  
NETCOM  
Azur Soft  
ESI  
ISM  
BOLD  
SEETEC  
ADVANCIS

## SPC Control panel

**SPC4000**  
8 - 32 zones  
4 doors



**SPCW110**  
SiWay RF-kit

**SPCN310**  
GSM/GPRS module

**SPCN110**  
PSTN module



**SPC5000**  
8/16 - 128 zones  
16 doors



**SPCW110**  
SiWay RF-kit

**SPCN310**  
GSM/GPRS module

**SPCN110**  
PSTN module



**SPC6000**  
8/16 - 512 zones  
64 doors



**SPCW110**  
SiWay RF-kit

**SPCN310**  
GSM/GPRS module

**SPCN110**  
PSTN module



TRANSMISSION

FIELDBUS

IP ( GPRS )  
IP ( Ethernet )  
PSTN  
X-BUS

X-BUS 1

X-BUS 2

## Detector Portfolio

### Wired detection

**PDM-lxx**  
MAGIC PIR/Dual detector

**GM7xx**  
Seismic detector

**AD700**  
Glass break detector



### Wireless detection

**IMKW6-10**  
Wireless magnet contact

**IR160W6-10**  
Wireless PIR detector



### Fire warning

**HDv3007OS**  
Smoke alarm device



**SPCE652**  
Expander  
8 inputs, 2 outputs,  
back tamper

**SPCE452**  
Expander  
8 outputs,  
back tamper

**SPCW130**  
SiWay expander



## SPC Peripherals

### Operation

**SPCK52x**  
Compact keypad with audio and opt. card reader

**SPCK620**  
LCD comfort keypad

**SPCK623**  
LCD comfort keypad with audio and card reader

**SPCE120**  
Indication expander with card reader

**SPCE110**  
Key switch expander

**SPCK420**  
LCD keypad

**SPCK421**  
LCD keypad with card reader

**SPCW112**  
SiWay RF module universal for SPCK42x

**SPCW114**  
SiWay RF module for SPCK52x



max. 400 m

### Verification

**CCMS2010**  
Camera



**SPCV3xx**  
Verification expander

**SPCV4xx**  
Verification expander with PDM socket



**SPCK623**  
LCD comfort keypad with audio and card reader



### Door Control

**PP500**  
Heavy-duty card and PIN reader



**SPCA210**  
2-Door expander



### Power Supplies



**SPC332**  
8 in/2 out, 7 Ah

**SPC333**  
8 in/2 out, 17 Ah

**SPCP355**  
8 in/6 out, 2 x 27 Ah

**SPCP432**  
2-door expander, 7 Ah

**SPCP433**  
2-door expander, 17 Ah

Loop

	Type	Article Number	Dimensions (B x H x T in mm)	Weight
Intrusion control panel, 8-32 zones, RF, G2 housing, plastic cover	SPC4221.220-L1	V54541-C113-A100	270 x 365 x 91	3.700 kg
Intrusion control panel with IP, G2-housing, metal base, plastic cover	SPC4320.220-L1	V54541-C114-A100	270 x 365 x 91	3.700 kg
Intrusion control panel, 8-32 zones, Ethernet, G2 metal housing	SPC4320.320-L1	V54541-C109-B100	264 x 357 x 81	4.500 kg
Intrusion control panel, 8-128 zones, Ethernet, G2 metal housing	SPC5320.320-L1	V54541-C106-B100	264 x 357 x 81	4.500 kg
Intrusion control panel, 8-128 zones, Ethernet, G3 metal housing	SPC5330.320-L1	V54541-C107-B100	326 x 415 x 114	6.400 kg
Intrusion control panel, 16-128 zones, Ethernet, G5 metal housing	SPC5350.320-L1	V54541-C117-A100	498 x 664 x 157	18.600 kg
Intrusion control panel, 8-512 zones, Ethernet, G3 metal housing	SPC6330.320-L1	V54541-C105-C100	326 x 415 x 114	6.400 kg
Intrusion control panel, 16-512 zones, Ethernet, G5 metal housing	SPC6350.320-L1	V54541-C118-A100	498 x 664 x 157	18.600 kg
Smart PSU with I/O-expander, G2 metal housing	SPCP332.300	V54545-C102-A100	264 x 357 x 81	4.700 kg
Smart PSU with I/O-expander, G3 metal housing	SPCP333.300	V54545-C101-A100	326 x 415 x 114	6.500 kg
Smart PSU with I/O-expander, G5 metal housing	SPCP355.300	V54545-C105-A100	498 x 664 x 157	18.400 kg
Smart PSU with 2-door expander, G2 metal housing	SPCP432.300	V54545-C103-A100	264 x 357 x 81	4.700 kg
Smart PSU with 2-door expander, G3 metal housing	SPCP433.300	V54545-C104-A100	326 x 415 x 114	7.400 kg
LCD keypad, 2x16 characters	SPCK420.100	V54543-F101-A100	148 x 85 x 33	0.210 kg
LCD keypad, 2x16 characters, card reader	SPCK421.100	V54543-F102-A100	148 x 85 x 33	0.210 kg
LCD comfort keypad	SPCK620.100	V54543-F110-A100	112 x 185 x 28	0.380 kg
LCD comfort keypad with audio/card reader	SPCK623.100	V54543-F111-A100	112 x 185 x 28	0.380 kg
Compact keypad with graphical display and audio	SPCK520.100-N	V54543-F115-A100	110 x 150 x 18	0.250 kg
Compact keypad with graphical display, card reader and audio	SPCK521.100-N	V54543-F116-A100	110 x 150 x 18	0.250 kg
Key switch expander	SPCE110.100	V54542-F104-A100	112 x 92 x 38	0.270 kg
Indication expander with card reader	SPCE120.100	V54542-F105-A100	112 x 92 x 28	0.190 kg
Expander, 8 relays, back tamper	SPCE452.100	V54542-F107-A100	200 x 153 x 47	0.400 kg
Expander, 8 input / 2 output, back tamper	SPCE652.100	V54542-F106-A100	200 x 153 x 47	0.350 kg
Expander with 8 analysed inputs / 2 outputs	SPCE651.100	V54542-F102-A100	200 x 153 x 47	0.350 kg
Audio expander with 4 inputs and 1 output	SPCV340.000	V54542-F108-B100	106 x 141x42	0.370 kg
Audio expander with 4 input and 1 line output	SPCV341.000	V54542-F109-B100	106 x 141 x 42	0.370 kg
Audio satellite	SPCV310.000	V54542-F120-A100	106 x 141 x 42	0.370 kg
Combi audio expander for MAGIC motion detectors with 4 inputs and 1 output	SPCV440.000	V54542-F118-A100	106 x 261 x 42	0.580 kg
Combi audio satellite for MAGIC motion detectors	SPCV410.000	V54542-F119-A100	106 x 261 x 42	0.580 kg
2-Door expander	SPCA210.100	V54547-A101-A100	200 x 153 x 47	0.360 kg
SiWay RF-expander	SPCW130.100	V54554-F101-A100	200 x 153 x 47	0.340 kg
SiWay RF kit for panel (metal housing)	SPCW110.000	V54554-B101-A100	50 x 22 x 20	0.050 kg
SiWay RF module universal (SPCK420/421)	SPCW112.000	V54554-B103-A100	50 x 22 x 20	0.010 kg
SiWAY RF module for SPCK52x	SPCW114.000	V54554-B104-A100	50 x 22 x 20	0.010 kg
PSTN module V90	SPCN110.000	V54550-B101-A100	90 x 38 x 25	0.050 kg
GSM module incl. antenna	SPCN310.000	V54550-B102-A100	90 x 38 x 25	0.030 kg
External antenna kit for GSM / wireless module	SPCW101.000	V54559-B101-A100	200 (L)	0.090 kg
SPC Fast Programmer	SPCX410.000	V54559-B102-A100	91 x 32 x 17	0.040 kg
Back tamper kit G3-cabinet	SPCY130.000	V54559-B116-A100	n.a.	0.060 kg
SPC Remote Maintenance server SW	SPCS320.000	V54549-F102-A100	n.a.	n.a.
SPC Safe software	SPCS410.000	V54549-F101-A100	n.a.	n.a.
SPC Manager software	SPCS610.000	V54549-F103-A100	n.a.	n.a.
Standard License for SPC Manager	SPCS610.200	V54549-F107-A100	n.a.	n.a.
Advanced License for SPC Manager	SPCS610.300	V54549-F105-A100	n.a.	n.a.

**Vanderbilt International AG**

Head Office  
Borsigstrasse 34  
65205 Wiesbaden  
Germany

**Vanderbilt International GmbH**

Siemensallee 84  
76187 Karlsruhe  
Germany  
Tel. +49 721 958 8138  
Fax: +49 721 958 8159

**Vanderbilt International Ltd.**

Suite 7  
Castlegate Business Park  
Caldicot  
South Wales  
NP26 5AD  
UK  
Main: +44 20 3630 0670  
Fax: +44 20 3630 0699

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

© Vanderbilt - 2016

## SECURITY – IT'S IN OUR DNA

Security is evolving. Vanderbilt strives to discover new ways to address physical threats and changing circumstances; demographic movement, urbanisation, global warming, and resource shortages.

Efficiency is critical, but cannot come at the cost of security for personnel, property or assets. In addition, we need to be mindful of the effects our products and their development have on the environment.

For our customers, success is defined by how well we manage these challenges.

Make Vanderbilt your preferred partner for energy-efficient, safe, and secure buildings and infrastructure.

[www.vanderbiltindustries.com](http://www.vanderbiltindustries.com)

# VANDERBILT