

# SPC Wireless Receivers

SPCW130/SPCW110/SPCW111/SPCW112/SPCW114

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## SPC SiWay wireless expander and modules for panels and keypads

The SPC system can be expanded with wireless detectors up to 120 wireless detectors can be added to the system.

### Key Features include:

- Easy configuration tamper or activation enrollment
- Cause and effect intergration
- Configurable Inputs type (8+ types)
- Individual name per input
- Individual log per Wireless detector
- Superior reception quality: Each wireless expander or module adds a wireless access point to the system from which signals from wireless detectors and remote controls are received. The access points are installed wherever wireless coverage is required in an building. Multiple access points ensure superior reception quality due to multi-path reception of wireless signals from detectors in overlapping reception areas.
- Seamless integration: The Siway receivers are compatible to the entire SPC control panel family. The wireless zones can be mixed and match with wired zones for cost effective installation with minimal wiring.
- Comprehensive Wireless portfolio: The receivers and control panel support a wide range of wireless SiWay peripherals (detectors and remote controls) to cope with the needs for a wireless installation.

### Key Topics:

- Supervised signals
- Log per device

### Operations:

#### Input types

- Alarm
- Entry
- Exit term
- Fire
- Panic
- Tech
- Medic
- Etc.

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## ■ Technical Data

### Functional

Radio module SiWay RF receiver (868.35 MHz)

### SPCW110/SPCW111 Power and Mechanical

Operating current	Max. 10 mA at 12 VDC
Quiescent current	Max. 10 mA at 12 VDC
Mounting	Plug on module with external antenna to SPC controller, Antenna mounted on metal housing
Operating temperature	-10 ~ +50 °C
Dimensions	50 x 22 x 20 mm (PCB)
Weight	0.050 kg

### SPCW112/SPCW114 Power and Mechanical

Operating current	Max. 10 mA at 12 VDC
Quiescent current	Max. 10 mA at 12 VDC
Mounting	Plug on module with external antenna to SPC controller, Antenna mounted on metal housing
Operating temperature	-10 ~ +50 °C
Dimensions	50 x 22 x 20 mm (PCB)
Weight	0.050 kg

### SPCW130 Power and Mechanical

Interfaces	X-BUS (in, out, branch)
Operating voltage	9.5 ~ 14 VDC
Operating current	Max. 60 mA at 12 VDC
Quiescent current	Max. 60 mA at 12 VDC
Tamper contact	Front spring tamper
Housing	Plastic Housing (Polycarbonate)
Colour	RAL 9003 (signal white)
Operating temperature	-10 ~ +50 °C
Dimensions	200 x 153 x 47 mm (housing), 150 x 82 x 20 mm (PCB)
Weight	0.340 kg

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## ■ Ordering Data

Type	Art. No.	Description	Weight*
Expander	V54554-F101-A100	SPCW130.100	0.350Kg
Wireless module	V54554-B101-A100	SPCW110.000	0.050Kg
Wireless module	V54554-B103-A100	SPCW112.000	0.050Kg
Wireless module	V54554-B104-A100	SPCW114.000	0.050Kg

\* 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

## Detectors

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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 SiWay remote control, white replaceable battery
IRCW6-11	V54543-F109-A100	
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

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