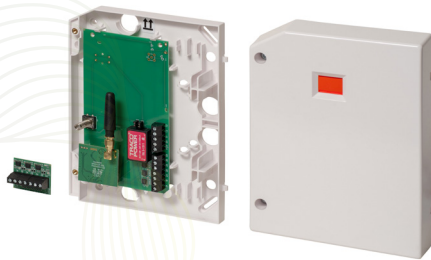


## Overview



The **SPCW220** remote transceiver, by acre security, increases wireless detection coverage in buildings protected by acre Intrusion solutions. The device can be used separately or in conjunction with wireless repeaters to further enhance wireless coverage.

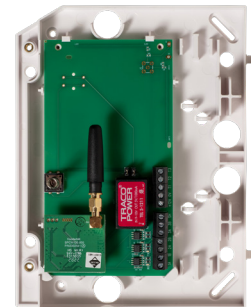
The SPCW220 remote transceiver provides the same functionality as the SPCW120 transceiver, but only one single device from these two options can be used in the acre Intrusion solution. The SPCW220 allows for the best possible position within a building so as to have optimal wireless coverage with or without supporting repeaters.

Seamlessly blending style and security, SPCW220 is a class-leading product that helps strengthen the acre Intrusion wireless system portfolio, making acre Intrusion one of the leading wireless intruder systems.

Both the SPCW220 and the SPCW120 work perfectly in combination with the acre Intrusion Gen1 series as well as with the acre Intrusion EVO series.

## Key Features

- ✓ Simple device enrollment
- ✓ Compatible with a wide range of acre Intrusion 2-Way wireless devices
- ✓ Tamper for lid opening
- ✓ Unique reference numbers for all devices
- ✓ Configurable for input types
- ✓ Central or local power options
- ✓ Simple cable connection between acre Intrusion and SPCW220



## Technical

### FUNCTIONAL

Radio Module	2WW RF transceiver, 868 MHz
Communications Connection	RS422
Distance	200m (power and tamper input directly from panel) 500m (locally powered and tamper via expander)

### ELECTRICAL

Operating Voltage	10.5 ~ 14.0V DC
Quiescent Current	SPCW220 - 34mA RS422 I/F - 16mA Combined - 50 mA at 12 V DC
Operating Temperature	-10 ~ +50°C
Tamper Contact	Lid opening
Range	500m open space
Event Transmission	Alarm, tamper, supervision, low battery

## MECHANICAL

Enclosure Dimensions	200 x 153 x 47mm
Enclosure Construction	ABS Plastic (polycarbonate)
Enclosure Colour	RAL9003 (glossy white)
IP Rating	IP30
IK Rating	IK06
Relative Humidity	Max 90% (non-condensing)
Mounting	Wall, surface



## Compatibility Matrix

### 2-WAY WIRELESS DEVICES

Article Number	Description	SPCW220
V54538-F124-A100	WPIR-EXT AM Wireless external PIR c/w PET	✓
V54538-F113-A100	WSMK Wireless smoke alarm	✓
V54538-F109-A100	WPIR Wireless 12m PIR detector PET	✓
V54543-F154-A100	WKP-SIM Keypad with fobs	✓
V54538-F114-A100	WMAG-I Wireless magnetic contact with input	✓
V54554-F107-A100	WRPTR Wireless signal repeater plug	✓
V54538-F111-A100	WMAG Wireless magnetic contact, slim	✓
V54538-F116-A200	WSIR-EXT-R Wireless external bell, red	✓
V54538-F116-A100	WSIR-EXT-B Wireless external bell, blue	✓
V54538-F116-A300	WSIR-EXT-O Wireless external bell, orange	✓
V54538-F141-A100	WMAG-S Wireless magnetic contact & shock	✓
V54538-F115-A100	WSIR-INT Wireless internal siren	✓
V54543-F117-A100	WRMT Remote control with 4 buttons	✓
V54538-F110-A100	WPIR-CRT Wireless curtain PIR detector	✓
V54543-F118-A100	WPAN Wireless personal alarm button	✓
V54538-F117-A100	WGB Wireless glass break detector	✓
V54538-F118-A100	WFLOOD Wireless flood detector	✓

## Ordering Information

	Article Number	Description
SPCW220	V54544-B108-A100	SPCW220 remote wireless transceiver with antenna