



A Tyco International Company

## Wireless Repeater WS4920



### Features That Make a Difference:

- Greatly extends the range of DSC 1-way wireless devices
- Backward compatible with existing security systems including ALEXOR, PowerSeries and MAXSYS
- Identifies the optimal location for mounting - taking in to consideration noise and interference
- Quick enrolment of DSC 1-way wireless devices
- Status LEDs for AC, battery and RF Jam
- Up to four repeaters can be supported per system
- Supports up to 164 wireless devices
- Wall and case tamper protection
- Esthetically pleasing design

### Extends Wireless Range

New to the DSC family of wireless products, the WS4920 Wireless Repeater delivers an easy-to-install wireless device that significantly extends the range for DSC 1-way wireless devices from the control panel/receiver and compensates for interference sources by improving the signal quality. The WS4920 repeats the 1-way wireless device's signal to ensure high-quality signals are transmitted to the control panel/receiver.

The WS4920 Wireless Repeater is ideal in both new and existing installations. In the past, occasionally the size of the building, layout or even materials of construction, required additional receivers or a wired system. Now with the WS4920 Wireless Repeater, up to four repeaters can be installed on one control panel.

Within existing installations, in some instances, the wireless signal from devices may be adversely affected by interference and noise sources, such as interference-generating electronics or changes to the existing layout or construction materials. The backward compatible WS4920 Wireless Repeater easily extends the range of 1-way wireless devices and can avoid costly modifications to the installation.

### Easy to Install

With the WS4920 Wireless Repeater, installers are able to deliver a larger full-featured solution that installs in minutes. Compatible with a range of wireless control panels/receivers/devices, installers get enhanced installation flexibility and increased wireless coverage in a small compact design.

sensors and accessories

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Wireless devices requiring greater range are quickly enrolled and placement tested to the WS4920 Wireless Repeater. With placement testing, the WS4920 Wireless Repeater can be optimally located away from noise and interference sources to ensure strong communication between the repeater and control panel/receiver as well as between the repeater and the enrolled device.

## Compatible Products\*

- Control Panels ..... ALEXOR, PowerSeries 9045/47,  
PowerSeries PC1616/PC1832/PC1864,  
MAXSYS PC4010/PC4020
- Receivers ..... PowerSeries PC5132/RF5132/RF5108/  
RFK5500/RF5501, MAXSYS RF4164
- Door/ Window Contact..... WS4945, EV-DW4975,  
EV-DW4917, EV-DW4955, WS4925, WS4965
- Motion Detector.....WS4904P, WLS914-433
- Glassbreak Detector .....WLS912L-433
- Shock Sensor..... EV-DW4927
- Smoke Detector ..... WS4916, WS4926
- CO Detector ..... WS4913
- Flood Sensor ..... WS4985
- Panic Pendant ..... WS4938
- Wireless Key..... WS4939, WS4949, WS4959, WS4969
- Wireless Wall Plate..... WS4979

\* Some products are not available in all countries.

## Specifications

- Dimensions..... 17.68 H x 11.35 W x 3.38 D cm  
(6.96" x 4.47" x 1.33")
- Weight..... .35 kg (.77 lb)
- Battery ..... Rechargeable Ni-MH, 4.8V/2.1 AH
- Battery backup .....24 hours
- Battery charging rate .....80% within 24 hours
- Operating frequency ..... 433.92 MHz
- AC power ..... 120 VAC, 60 Hz @ 0.2 A  
(UL/ULC listed installs)  
230 VAC,50 HZ @ 0.1 A (International market)
- Operating Temperature ..... -10 to 55 °C (14 to 131 °F)
- Relative Humidity ..... 5-93% relative humidity  
(non-condensing)