



## DSC Wireless Photoelectric Smoke Detector WS8916W



Designed to provide reliable smoke or fire detection, the WS8916W is a low-profile wireless photoelectric smoke detector that is ideal for difficult-to-wire residential applications.

The WS8916W, compatible with the DSC RF5132-868W 868 MHz wireless receiver, features a built-in alarm horn, integral dual-sensor heat detection, automatic drift compensation and an easy-maintenance removable smoke chamber. Long-life lithium batteries provide extended operation without replacement. Precise and quick sensitivity testing of the unit is easily accomplished with the FSD-100 handheld test meter.

### Product Features:

- Automatic drift compensation
- Built-in, dual-sensor heat detector
- Built-in 85 dB horn
- Local test button
- Low profile design
- High/Low sensitivity reporting
- Low battery indication
- Easy-maintenance removable smoke chamber
- Non-contact sensitivity testing with FSD-100 handheld test meter
- Long-life lithium batteries included
- Compatible with the DSC RF5132-868W 868 MHz wireless receiver
- EN, CE, RoHS compliant



**868** MHz

**Easy Installation**

The WS8916W is ideal for residential or commercial applications where running wire to a smoke detector is either difficult or impossible. With no wires to run, installers are able to save time and move more quickly through the installation process. All the WS8916W requires for installation is a screwdriver and the DSC RF5132-868W wireless receiver.

**False Alarm Reduction**

DSC is committed to reducing false alarms and has integrated a number of features into the WS8916W to provide reliable detection. One important feature is drift compensation. It provides a constant level of sensitivity performance for extended operation. As dust accumulates in a detector it adjusts to maintain the original factory-set sensitivity, thereby minimizing the potential for false alarms. If the detector reaches its limit of compensation, it will indicate a trouble condition well before the sensitivity increases to a level where false alarms will be generated.

**Non-Contact Sensitivity Testing**

Precise and quick sensitivity testing is easily accomplished with the non-contact FSD-100 handheld test meter. Powered by a standard 9V alkaline battery and small enough to fit inside a shirt pocket, the FSD-100 holds 500 readings that can be downloaded to any computer. To initiate a reading, a technician simply holds the FSD-100 near a DSC smoke detector and activates the detector's test button.

**Value Added**

The WS8916W is built with reliable 868 MHz technology and ships with two long-life lithium batteries (3V) that are activated by the installer upon purchase.

**Ordering Information:**

WS8916W Wireless Photoelectric Smoke Detector  
 FSD-100 Sensitivity Test Meter

**Compatibility**

The WS8916W is compatible with the following receiver:

- PowerSeries™ Wireless Receiver RF5132-868W

**Specifications**

MECHANICAL

- Diameter .....147 mm (5.8")
- Height .....52.8 mm (2.08")
- Color .....White
- Mounting.....Surface mount with screws
- Bracket..... Twist on/off either locking or non-locking

HEAT SENSOR

Alarm: Fixed-Temperature .....57° C (135° F)

ENVIRONMENTAL

- Operating Environment .....5° to 38° C (41° to 100° F)
- Relative Humidity.....5% to 93%

