

DP931CVAS-RF

Series 930 Wireless Optical Detector With Sounder & Clear Visual Indicator

General

The DP931CVAS-RF is a wireless addressable optical detector with integrated sounder and white visual indicator. The detector works on the light scatter principle and is ideal for applications where slow-burning or smouldering fires are likely. It is designed to provide notification and detection at a single point.

The DP931CVAS-RF connects to a FP1200/2000 or 2X series panel by means of a wireless interface unit.

The Range

The 930RF series consists of:

- Optical smoke detectors
- Combination optical detectors /w sounders
- Combination optical detectors /w sounders & visual indicators (clear & red)
- Optical/heat multisensors
- Combination optical/heat multisensors /w sounders
- Combination optical/heat multisensors /w sounders & visual indicators (clear & red)
- Heat detectors (A1R and CS)
- Combination heat detectors /w sounders
- Combination heat detectors /w sounders & visual indicators (clear & red)
- Sounders (red & white)
- Sounder/beacons (red & white)
- Manual Call Points
- Interface Modules (single & dual inputs)

Operating Principle

Fire devices are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into historic buildings. The 930RF series is ideal for these applications.

The 930RF devices communicate with a standard (wired) 900 series loop by means of radio signals. A wireless interface is connected to the loop in the same way as any other interface, and operates as an input/output unit. Every 930RF series device is assigned an address that is recognised by the control panel in the same way as if the device was connected directly to the loop wiring. Being wireless is completely transparent for the CIE.

Details

- Easy to install, single point application
- Proven technology
- 4 Tone pairs supported
- Standard 900 series card addressing
- Self-monitoring, bi-directional radio platform
- Eliminates cable installation problems
- Backup battery support
- 5 years battery life*
- Uses 868MHz radio channels
- EN54:25 and CPD certified
- * At specified testing intervals

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Technical specifications

General

Status indication	LED
User interface	LED
Wireless frequency	868 MHz
Compatibility	Systems with Aritech 900 series support
Connectivity	Wireless
Addressing method	Card Addressing

Electrical

Batteries	Duracell Pro Cell 6 x AA size
Operating voltage	2.8 to 5 VDC

Detection

Detection principle	Optical light scatter
Monitoring	Device type, Presence

Physical

Physical dimensions	146 x 84 mm (Ø x H)
Net weight	760 g
Colour	White
Mounting type	Base mount, Ceiling mount

Environmental

Vandal proof	No
Environment	Indoor

Regulatory

Compliance	CE, REACH, RED (2014/53/EU), RoHS 2, WEEE
Certification	CPR
Standards	EN54-3, EN54-7, EN54-25



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