

Thermo Scientific Smart-Vue Wireless Monitoring Solution

Technical Data Sheet: Standard Wireless Repeater



Application

Relays wireless signal from end-point modules to increase transmission distance.

General

- External antenna: for optimal signal strength
- Size: 190 x 52 x 30 mm (7.5 x 2 x 1.2 in.)
- Weight: 165 g (5.8 oz.)
- Power supply: 100 - 240 V AC 50/60 Hz to 5V DC 1 Amp. 4 different international plugs
- Module Holder Mounting Options: Velcro*, magnetic, or fixed
- 1 year on all hardware (see warranty terms & conditions for details on coverage)

Wireless Technology

- Industrial Scientific Medical (ISM) band frequencies: 4 different bands available for worldwide use based on location
- Wireless Range: up to 700 meters (2,300 ft.) in open space, from 25 meters (82 ft.) to 100 meters (330 ft.) indoors
- Wireless Power Output: 25mW (check with your sales representative for international product availability and radio signal strength)

Standards and Regulations

- 915 MHz systems compliant with FCC Part 15 for non-interference with existing Wi-Fi network and other wireless devices

Environmental Conditions

- Temperature range for exposure of the repeater (functioning of the electronics of the wireless repeater): 0°C to 50°C (32° to 122°F). 0 to 90% RH non-condensing.
- Protection index: IP65.

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