

Thermo Scientific Smart-Vue Wireless Monitoring Solution

Technical Data Sheet: USB and Serial Receivers



Application

Receives wireless signal from end-point modules directly or through repeaters.
Forwards data to the Smart-Vue* server application.

General

- Power Supply (Serial Receiver): 100 - 240 V AC 50/60 Hz to 5V DC 1 Amp.
- 4 different international plugs
- USB receiver power is supplied by the PC/Server connected to.
- Product Dimensions: 190 x 52 x 30 mm (7.5 x 2 x 1.2 in.)
- Velcro* Strap for cable management
- Warranty: 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, and up to 400 meters (1,312 ft.) indoors with 3 repeaters
- Wireless Power Output: 25mW (check with your sales representative for international product availability and radio signal strength)

Alarm

- Smart-Vue Siren • Phone call • SMS Text • Email • Fax • Print

Software

- Software Design: Cognitive ergonomic design to optimize user's work, reduce risk of error and provide additional system security
- Server/Client Relationship: Single server installation with unlimited client installation license agreement
- Scalability: Single software package manages all system sizes
- Report files require Microsoft* Word* and/or Excel* to handle data files exported in these formats

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

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

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