

## Thermo Scientific Smart-Vue Wireless Monitoring Solution

### Technical Data Sheet: TRIPLE FUNCTION REPEATER: Internal Temperature Sensor (+10°C to +50°C) with Repeater and Power Outage Alarm



#### Application

Repeater Module with internal sensor used for monitoring ambient temperature and built in Power Outage Alarm  
Forwards data to the Smart-Vue\* server application.

#### General

- Measured temperature range: from +10°C to +50°C (50°F to 122°F)
- Size: 132.74 x 64.15 x 34 mm (5.2 x 2.5 x 1.3 in)
- Weight: 150 g (5.3 oz)
- Module Holder Mounting Options: Velcro®, magnetic, or fixed
- Battery and 5V POWER ADAPTER
- Battery Life / Power: Battery life dependent on customer use and size of installation; recommend changing every year with standard default software settings (battery type: 3.6V Lithium)
- 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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