



### Key Features

- **Specially designed for harsh wastewater environments:** unique and proven robust design based on established OdaLog® Technology
- **Wireless transmission of H<sub>2</sub>S data:** odour & corrosion control based on recent data, trending, graphing and reporting H<sub>2</sub>S data
- **Powered by internal long-life lithium batteries (greater than 12 months):** allows for long term deployment
- **Easy-to-access H<sub>2</sub>S data through using proprietary OdaStat-G software:** global access to H<sub>2</sub>S data via wireless-to-web monitoring and remote access to H<sub>2</sub>S data reduces travel cost
- **Web-to-RTx configuration:** parameters easily changed via bi-directional communication

### Specifications

|                                    |  |
|------------------------------------|--|
| Instrument Temp Range              | -20°C (-4°F) to 50°C (122°F)   |
| Sensor Temp Range                  | -10°C (14°F) to 40°C (104°F)   |
| Instrument Relative Humidity Range | 15-90% (non-condensing)  |
| Ingress Protection                 | IP66/68  |
| External Dimensions                | Diameter 76mm (3") x height 260mm (10.24") [without antenna]                                   |
| Instrument Weight                  | 980grams / 34.5oz [with default battery type fitted]   |
| Power supply(s)                    | Replaceable D-Size 3.6 V Lithium Batteries x 2 - Li-SC012                                      |
| Battery Life/Run Time              | Greater than 12 months (*depending on signal strength and server transmission interval)        |
| Data Logging Capacity              | Up to 42,000 readings in total (local memory, unlimited server memory)                         |
| Logging Interval                   | Selectable from 1 second to 1 hour   |
| Transmission Interval              | Selectable from 30min to 24hr  |
| Data Logging Duration Example      | Capacity > logging interval of 1min=29 days<br>Capacity > logging interval of 5min=6+mths      |
| Communication Module               | Internal Quad-band modem   |
| Tri-Band Antenna                   | Water-proof (IP68) - Signal capacity (850-900/1800/1900MHz)<br>External dimensions: 190mm High |

Storage of the OdaLog® instrument with sensor fitted but not in use, should be limited to the temperature range of 0°C (32°F) to +25°C (77°F), and between 20% to 80% RH.

### Typical Applications

- Chemical vendors
- Wastewater treatment plants
- Odour control consultants
- Municipalities





### MODELS

| Part Number         | Range                         | Resolution | Accuracy      |
|---------------------|-------------------------------|------------|---------------|
| ODARTX2-H2S-1000-2  | AU/EU 0-1000 ppm              | 1 ppm      | 1% Full Scale |
| ODARTX2-H2S-200-2   | AU/EU 0-200 ppm               | 0.1 ppm    | 1% Full Scale |
| ODARTX2-H2S-50-2    | AU/EU 0-50 ppm                | 0.1 ppm    | 4% Full Scale |
| ODARTX2-H2S-1000-US | US 0-1000 ppm                 | 1 ppm      | 1% Full Scale |
| ODARTX2-H2S-200-US  | US 0-200 ppm                  | 0.1 ppm    | 1% Full Scale |
| ODARTX2-H2S-50-US   | US 0-50 ppm                   | 0.1 ppm    | 4% Full Scale |
| ODA11-0085          | OdaStat-G software kit        |            |               |
| ODA11-2001          | OdaLog® Surface-Mount Antenna |            |               |

### How It Works

The OdaLog® RTx uses an in-built GSM modem to transmit logged H<sub>2</sub>S data to a dedicated Internet server that is remotely accessible to end-users by using proprietary OdaStat-G software.

OdaLog® RTx Logger is not intrinsically safe.

#### SERVICING

We recommend that the OdaLog® RTx is returned to an authorised OdaLog service centre at least once every six months for a full inspection, calibration and linearity testing.

#### WARRANTY

12 month warranty for the OdaLog® RTx when used in accordance with the operator's manual (excluding calibration and freight costs).

#### SOFTWARE

The OdaLog® RTx needs to be used in conjunction with our proprietary software OdaStat-G for retrieval and analysis of all logged data.

Note:

Data sim card required

Monthly data charges apply

Contact your local OdaLog® distributor for data sim card packages.

In the interest of continued improvement, we reserve the right to change design features and specifications without prior notice.

Our ability to provide software and support is dependent on applicable export control laws (including those of the United States) and the export policy from time to time of Thermo Fisher Scientific Inc.

