

# OdaLog<sup>®</sup> RTx Logger

*Bringing you closer to your data!*

Chemical vendors

Wastewater treatment plants

Odour control consultants

Municipalities



Wireless transmission of H<sub>2</sub>S data from within sewer network

- 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
- Remote access to H<sub>2</sub>S data reduces travel cost

Web-to-RTx configuration

- Parameters easily changed via bi-directional communication

Specially designed for harsh wastewater environments

- Unique and proven robust design based on established OdaLog Technology

[www.app-tek.com](http://www.app-tek.com)

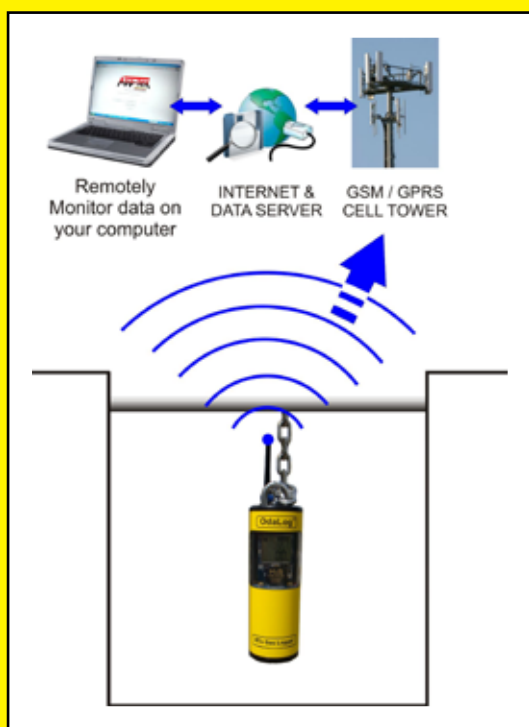
**App-Tek**  
INTERNATIONAL PTY LTD

# OdaLog RTx™ System

## 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.

We recommend that the OdaLog RTx is returned to an authorised App-Tek service centre at least once every six months for a full inspection, calibration and linearity testing. Standard 12 month warranty given 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.**

Disclaimer: In the interest of continued improvement, we reserve the right to change design features and specifications without prior notice. App-Tek International Pty Ltd does not guarantee that the OdaLog RTx telecommunication capabilities will work properly if located in an area that has poor GSM coverage or weak signal strength. For more information on GSM coverage and signal strength, please contact your local communication carrier. 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.

GENERAL SPECIFICATIONS	
<b>Instrument Temp Range</b>	-20°C (-4°F) to 50°C (-122°F)
<b>Sensor Temp Range</b>	-10°C to +40°C (14°F to 104°F)
<b>Instrument Relative Humidity Range</b>	15-90% (non-condensing)
<b>Ingress Protection</b>	IP66/68
<b>External Dimensions</b>	Diameter 76mm (3") x height 260mm (10.24") [without antenna]
<b>Instrument Weight</b>	980g (34.5oz) [with default battery type fitted]
<b>Power Supply(s)</b>	Replaceable D-Size 3.6 V Lithium Batteries x 2 - Li-SC012
<b>Battery Life/Run Time</b>	Greater than 12 months (*depending on signal strength and server transmission interval)
<b>Data Logging Capacity</b>	Up to 42,000 readings in total (local memory, unlimited server memory)
<b>Logging Interval</b>	Selectable from 1 second to 1 hour
<b>Transmission Interval</b>	Selectable from 30min to 24hr
<b>Data Logging Duration Example</b>	Capacity > logging interval of 1min=29 days Capacity > logging interval of 5min=6+mths
<b>Communication Module</b>	Internal Quad-band modem [*GPS optional]
<b>Tri-Band Antenna</b>	Water-proof (IP68) - Signal capacity (850-900/1800/1900MHz) External dimensions:99mm 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 (75°F), and between 20% to 80% RH.

## AVAILABLE MODELS & GAS RANGE

OdaLog RTx H2S Loggers	
Part Number	Description
RTX-H2S-200	H2S sensor 0-200ppm range
RTX-H2S-1000	H2S sensor 0-1000ppm range
11-0085	OdaStat-G Software Kit
11-2001	OdaLog Surface-Mount Antenna
11-0069	Optional GPS with antenna Kit

### Authorised Distributor:

**DETECTION INSTRUMENTS Corporation**

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Phoenix, AZ 85023  
**Ph :** (602) 797-0630  
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[www.detectioninstruments.com](http://www.detectioninstruments.com)

Manufactured by

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