



T24-RDC

mantracourt

## Wireless Remote Data Collection



### Introduction

The T24-RDC uses a Quad Band GPRS modem to log and report data to multiple destinations including web services, email addresses and mobile phones, allowing for world wide access to data.

T24 transmitter values are also compared to user defined limits which can trigger alert messages allowing real time monitoring of an entire system.

Data can be collected and delivered at predefined intervals in the form of a CSV file or customised data can be delivered to a wide range of cloud data collection and analysis services. SMS messages and email can also be sent as triggered alerts or at intervals.

Low power modes allow the T24-RDC to operate from external battery packs or from solar panel systems.

### Product Features

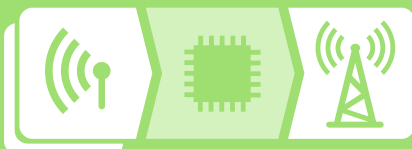
- Ideal for remote applications
- Wireless input range of up to 800 m
- Output data to anywhere in the world
- Collect data from up to 200 sensors
- Re-configure settings remotely using SMS
- Alert functionality
- Free software

### T24 System Overview



T24 Wireless Telemetry Sensor System is a modular wireless solution for industrial sensor applications.

High accuracy, high quality measurement is interfaced with simple yet powerful configuration and monitoring software.



## Specifications

### Power Supply

<b>Power supply voltage range</b>	9 to 32 Vdc
<b>Average operating current when GSM active</b>	350 mA

### GSM/GPRS Radio

<b>Radio type</b>	Quad-band EGSM
<b>Radio frequency</b>	850/900/1800/1900 MHz
<b>Output power Class 4 @ 850 / 900 MHz</b>	12 W
<b>Output power Class 1 @ 1800 / 1900 MHz</b>	1 W

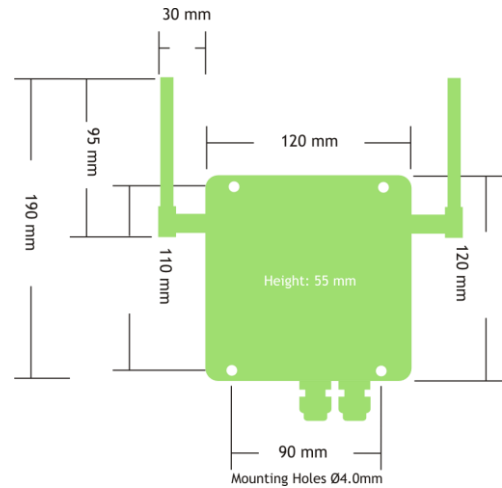
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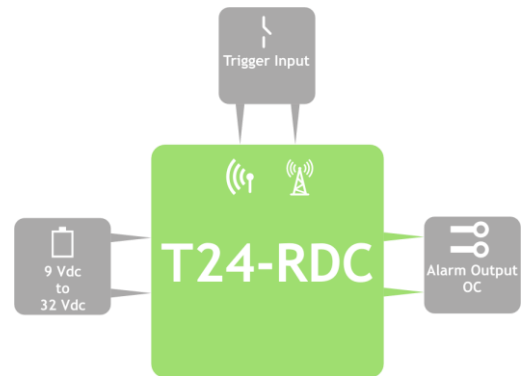
### Environmental

<b>Operating temperature range</b>	-20 to 55 °C
<b>Storage temperature range</b>	-20 to 50 °C
<b>Maximum humidity</b>	95% non-condensing

## Mechanical



## Electrical



## Order Codes

### T24-RDC-1

Wireless remote data collection – 1 transmitter

### T24-RDC-2

Wireless remote data collection – 2 transmitters

### T24-RDC-5

Wireless remote data collection – 5 transmitters

### T24-RDC-10

Wireless remote data collection – 10 transmitters

### T24-RDC-200

Wireless remote data collection – 200 transmitters

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