

## Wireless Telemetry Dongle Base Station



### Introduction

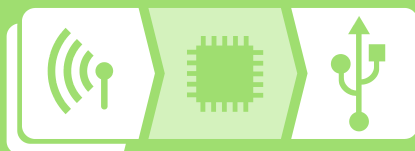
**The T24 wireless telemetry dongle base station (T24-BSd) is the smallest in our base station range and offers line of sight range of up to 500 metres for all wireless telemetry modules.**

It draws power from the USB bus and therefore no further components are required to configure and control remote devices from a PC.

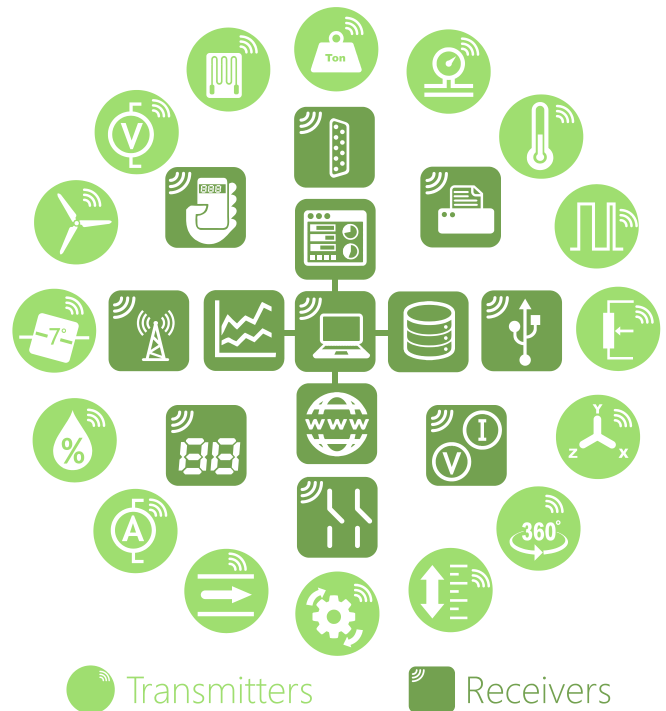
This plug and play USB base station provides a portable solution, with no cables, making it ideal for laptops, tablets that run a full version of Windows.

### Product Features & Benefits

- Compact & Portable:**  
 Provides a small, portable solution with no cables making it ideal for laptops and tablets
- Quick Setup:**  
 Simple USB 'Plug and Measure' device connects directly to a PC
- Fast Configuration:**  
 Allowing quick configuration via the T24 Toolkit software
- 500 m Wireless Range:**  
 Provides a line of sight range of up to 500 m (1640 ft)
- Portable Logging:**  
 Fast portable logging is available via the T24LOG100 logging and visualisation 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

**Power supply voltage (USB)** 4.875 to 5.125 Vdc \*

\* As defined by USB 2.0 specification

### Radio

**Radio type** Licence exempt transceiver

**Radio frequency** 2.4 GHz

**Transmit power** 10 mW

**Range** Up to 500 m

### Environmental

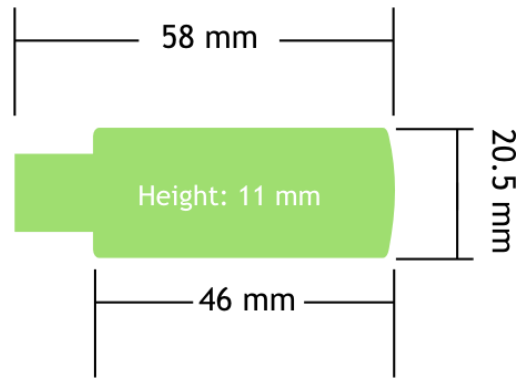
**Operating temperature range** -20 to 55 °C

**Storage temperature range** -40 to 85 °C

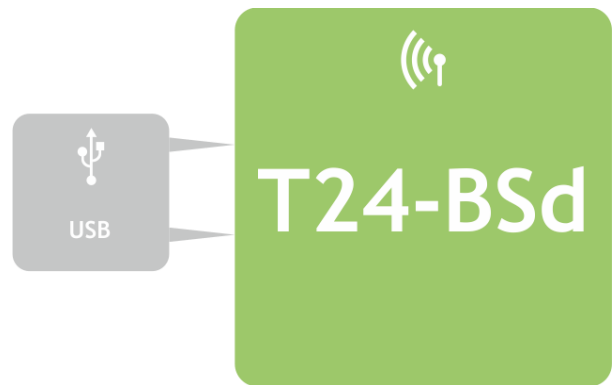
**Maximum humidity** 95% non-condensing

**IP rating** IP50

## Mechanical



## Electrical



## Order Codes

### T24-BSd

Wireless Telemetry Dongle Base Station

Manual Reference: 517-937

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