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

- Height: 11 mm
- Width: 58 mm
- Depth: 46 mm

Electrical

T24-BSd
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Order Codes

**T24-BSd**
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Manual Reference: 517-937