



T24-BSu



# Amber Instruments Ltd

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## Wireless Base Station With USB Interface



### Introduction

The T24-BSu is one of a range of base stations that are required for configuration and calibration of the T24 modular telemetry system. Base stations can also be used for data collection systems by making available the T24 wireless transmitter data over the USB interface.

The data sent by transmitter modules can be utilised by multiple receivers such as displays, handheld readers, analogue outputs, relay modules and computer interfaces. Receivers support common industrial power supplies and are available in robust IP rated enclosures with internal antennas optimised to give outstanding coverage.

The T24-BSu is housed in an IP50 enclosure.

On Windows PCs the free T24 Toolkit is used to configure and calibrate the T24 modular telemetry system while the free T24 logging and visualisation software allows monitoring and data collection.

### Product Features

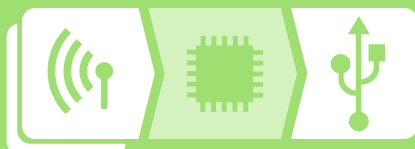
- Simple plug & play USB
- Configure & calibrate the T24 range
- Data collection for PC/PLC

### 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

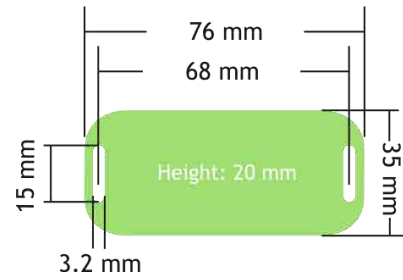
**Operating temperature range** -20 to 55 °C

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

**Maximum humidity** 95% non-condensing

**IP rating** IP50

## Mechanical



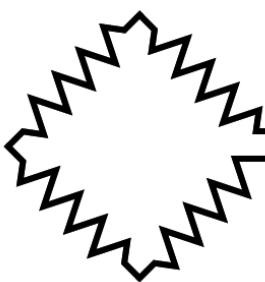
## Electrical



## Order Codes

### T24-BSu

Wireless base station with USB interface for computer connection in IP50 enclosure



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