



T24-BSi

mantracourt

## Wireless Base Station With Industrial Interfaces



### Introduction

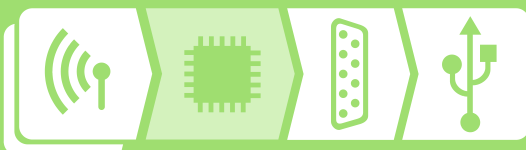
The T24-BSi is one of a range of base stations that are required for configuration and calibration of the T24 modular telemetry system. Base stations can also be used for data collection systems by making available the T24 wireless transmitter data over the industrial interfaces.

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-BSi supports USB, RS232 and RS485 connectivity. 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

- Configure & calibrate the T24 devices
- USB/RS232/RS485 interface
- Rugged enclosure
- 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** 9 to 32 Vdc

**Supply current at 12V (typical)** 100 mA

### Radio

**Radio type** Licence exempt transceiver

**Radio frequency** 2.4 GHz

**Transmit power** 10 mW

**Range** Up to 800 m

### Environmental

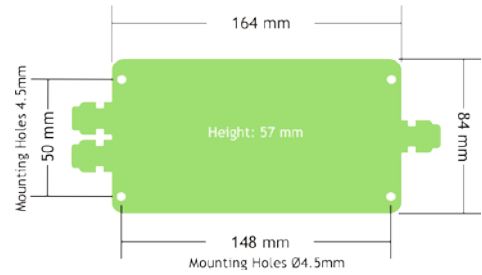
**Operating temperature range** -20 to 55 °C

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

**Maximum humidity** 95% non-condensing

**IP rating (excluding USB connector)** IP67/Nema4

## Mechanical



## Electrical



## Order Codes

### T24-BSi

Wireless base station with industrial interfaces in IP67 enclosure

**Mantracourt Electronics Ltd**  
The Drive, Farringdon  
Exeter, Devon, UK  
EX5 2JB

**Tel: +44 (0)1395 232020**  
**Email: sales@mantracourt.com**  
**mantracourt.com**



## Distribuidor

**Brasil e América do Sul**

### CONTATO

#### Endereço

Rua Sete de Setembro, 2656 - Centro  
13560-181 - São Carlos - SP - Brasil

#### Telefone

+ 55 (16) 3371-0112  
+ 55 (16) 3372-7800

#### Internet

[www.metrolog.net](http://www.metrolog.net)  
[metrolog@metrolog.net](mailto:metrolog@metrolog.net)

