



T24-BSue



Amber Instruments Ltd

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Wireless Base Station with USB Interface in Industrial Enclosure



Introduction

The T24-BSue 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-BSue is housed in an IP67 enclosure and has better coverage than the T24-BSu.

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

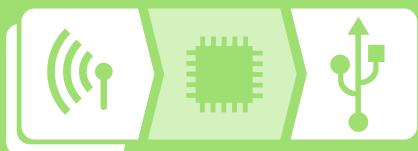
- Up to 800 m (2,600 ft) range
- Simple plug & play USB
- Configure & calibrate the T24 range
- IP67 / NEMA 4 rated enclosure

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 800 m

Environmental

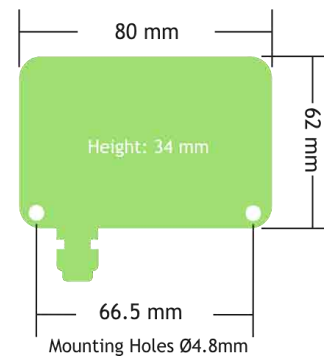
Operating temperature range -20 to 55 °C

Storage temperature range -40 to 85 °C

Maximum humidity 95% non-condensing

IP rating (excluding USB connector) IP67/Nema4

Mechanical



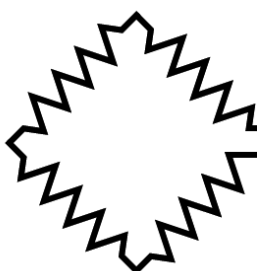
Electrical



Order Codes

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