Wireless Interface with ASCII Serial Output

Introduction

The T24-SO outputs a user defined ASCII report that can contain live values and sum of up to eight T24 transmitters and forms part of the T24 modular telemetry system.
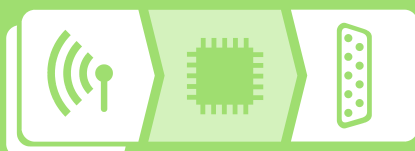
The data sent by transmitter modules can be utilised by multiple receivers such as displays, handheld readers, analogue outputs, relay modules and computer interfaces. Receivers support common industrial power supplies and are available in robust IP rated enclosures with internal antennas optimised to give outstanding coverage.

The T24-SO supports RS232 and RS485 connectivity.

The T24 Toolkit software offers a fast and simple way to configure the report format and to choose the associated transmitter modules. The reports could be just a single line giving a value to be fed into a serial display, for example, or could be a multi-line report for delivery to a printer.

Product Features

- ASCII serial output
- Serial output to printer, display, PC or PLC
- Simple configuration and calibration
- Wireless range of up to 800 m

T24 System Overview

Transmitters   Receivers

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
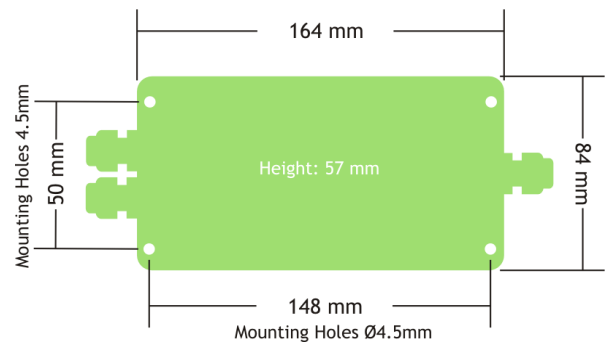
Radio

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

164 mm

Mounting Holes 4.5mm

50 mm

Height: 57 mm

84 mm

148 mm

Mounting Holes Ø4.5mm

Electrical

T24-SO

9 Vdc to 32 Vdc

RS232 RS485

Order Codes

T24-SO

Wireless interface with ASCII serial output in IP67 enclosure