



T24-HS

mantracourt

## Wireless Handheld Display For Single Transmitter



### Introduction

The T24-HS handheld displays data from any of the T24 wireless transmitter modules 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.

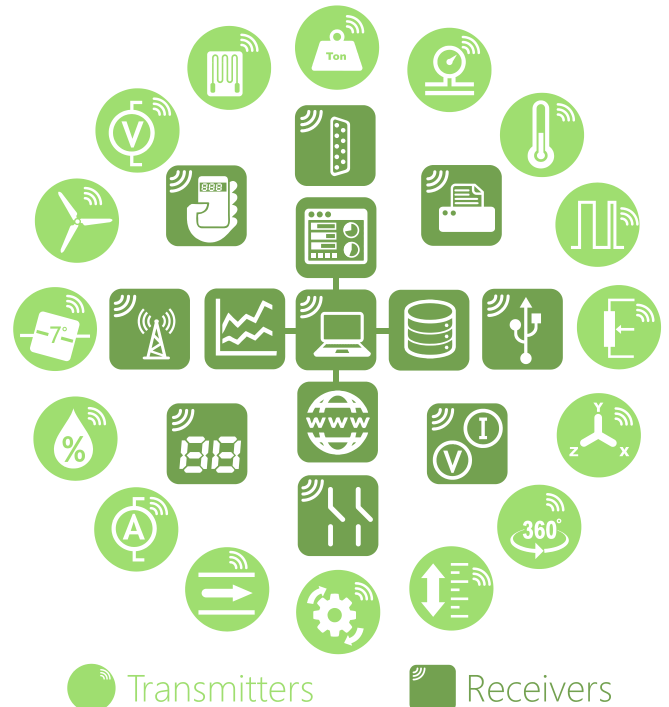
The T24-HS provides a point to point connection to a single transmitter. The transmitter can be woken and sent to sleep as the handheld is turned on or off. Two AA batteries power the handheld which has been designed for low power operation.

The T24 Toolkit software offers a fast and simple way to configure the display format, unit conversion, zero adjustment and transmitter selection.

### Product Features

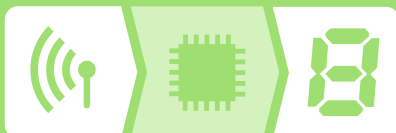
- Simple operation
- Connection to single transmitter module
- Tare function
- Auto shutdown
- Rugged construction

### 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** 2.5 to 3.6 Vdc

**2 off AA 1.5V primary cells**

### Battery Life

Based on 2 Ah capacity batteries

**Continuous operation** 35 hours

**Standby mode (powered off)** 1.5 years

### Radio

**Radio type** Licence exempt transceiver

**Radio frequency** 2.4 GHz

**Transmit power** 10 mW

**Range** Up to 800 m

### Environmental

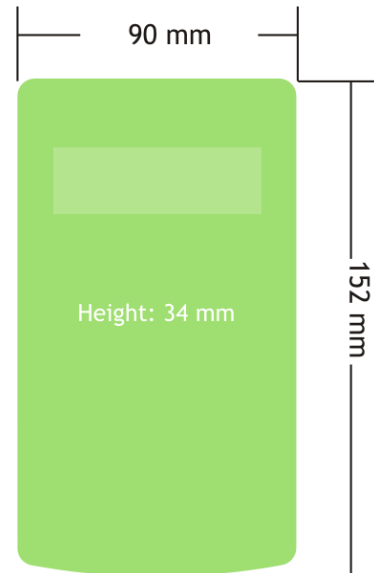
**Operating temperature range** -10 to 50 °C

**Storage temperature range (no batteries)** -40 to 85 °C

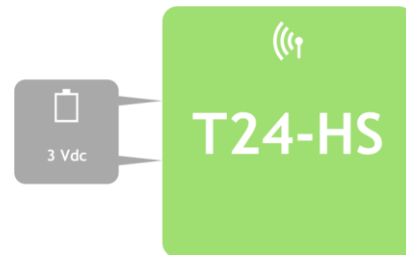
**Maximum humidity** 95% non-condensing

**IP rating (ACM and ACMi)** IP67/Nema4

## Mechanical



## Electrical



## Order Codes

### T24-HS

Wireless handheld display for single transmitter

### TR100-CA

Black leather case with clear viewing window with shoulder strap

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

Tel: +44 (0)1395 232020  
Email: [sales@mantracourt.com](mailto:sales@mantracourt.com)

[mantracourt.com](http://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)

