Wireless Handheld Display for Multiple Transmitters

Introduction

The T24-HA handheld displays data from up to 12 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-HA provides either a summed total from all selected transmitters and the ability to view individual transmitters. 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. A function key can send the displayed value to other receivers such as a printer.

Product Features

- Connect to up 12 transmitters
- Tare function
- Provides summation of up to 12 transmitters
- Sleep/ wake acquisition modules
- Auto shut down
- Rugged construction

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.
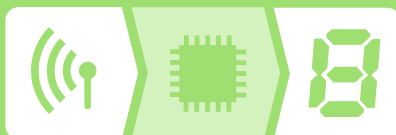
Specifications

Power Supply

Power supply voltage	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 ºC
Storage temperature range (no batteries)	-40 to 85 ºC
Maximum humidity	95% non-condensing
IP rating (ACM and ACMi)	IP67/Nema4

Mechanical

90 mm

Height: 34 mm

152 mm

Electrical

T24-HA

3 Vdc
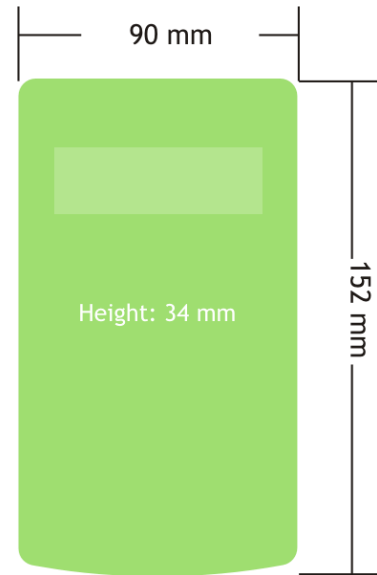
Order Codes

T24-HA

Wireless handheld display for multiple transmitters

TR100-CA

Black leather case with clear viewing window with shoulder strap

ME