Wireless Handheld Display For Unlimited Transmitters

Introduction

The T24-HR is a roaming handheld allowing the operator to cycle the display between all available 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-HR does not require pre-configuration of associated transmitters and will wake transmitters as they come within wireless range. 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.

Product Features

- Roams between transmitters in range
- Sleep / wake
- 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.
## 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

## Order Codes
- **T24-HR:** Wireless handheld display for unlimited transmitters
- **TR100-CA:** Black leather case with clear viewing window with shoulder strap