



T24-HR



Amber Instruments Ltd

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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.

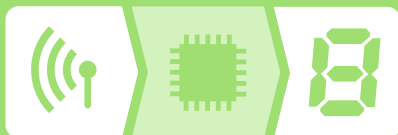
The data sent by transmitter modules can be utilised by multiple receivers such as displays, handheld readers, analogue outputs, relay modules and computer interfaces. Receivers support common industrial power supplies and are available in robust IP rated enclosures with internal antennas optimised to 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.

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

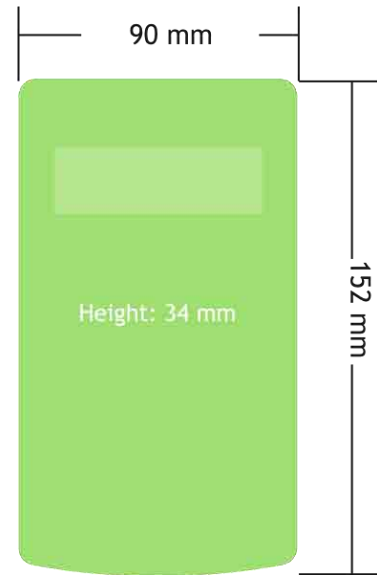
Operating temperature range -10 to 50 °C

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-HR

Wireless handheld display for unlimited transmitters

TR100-CA

Black leather case with clear viewing window with shoulder strap



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