



T24-HLT

mantracourt

Wireless Handheld Display for Running Line Tensiometer

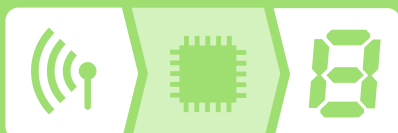


Introduction

The T24-HLT has been designed specifically to operate with the T24-LT1 therefore enabling an OEM manufacturer to provide a complete running line tensiometer solution. The Handheld can cycle round the three measurement values of Load, Pay-out and Speed with the ability to tare the load and zero the pay-out values. Each measurement type has its own scaling, display resolution and ability to change the display name. A backlight is provided for low light operating conditions and a buzzer to warn of conditions such as overload and wireless communications failure.

Product Features

- Designed Specifically for Running Line Tensiometer
- Simple operation
- 800m (½ mile) range
- Audible warnings and feedback
- Long Battery life
- Tare/ Zero/Gross function
- Sleep/ wake acquisition modules
- User controlled backlight
- Auto shut down
- Sealed to IP67 in a robust handheld enclosure



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 2.3 to 3.6 Vdc

2 off AA 1.5V primary cells

Battery Life

Based on Energizer L91 batteries

Continuous operation 54 Hours

Standby mode (powered off) > 5 Years

Radio

Radio type Licence exempt transceiver

Radio frequency 2.4 GHz

Transmit power 10 mW

Range Up to 800 m

Environmental

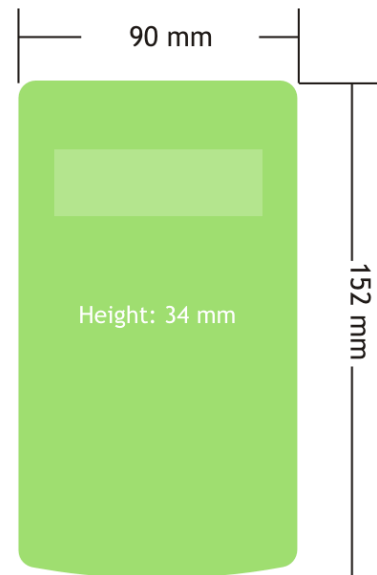
Operating temperature range -10 to 50 °C

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

Maximum humidity 95% non-condensing

IP rating IP67/Nema4

Mechanical



Electrical



Order Codes

T24-HLT

Running line tensiometer Handheld Telemetry Display

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

mantracourt.com

