Telemetry Handheld Display
TW-3.0-T



The TW-3.0-T Telemetry Handheld Display is a modern, slimline, multifunctional load monitoring device which is unique to DLM.

This innovative design is built with the user in mind. It has a large, high quality transflective display which is optically bonded removing the need for a back light and improving clarity in bright sunlight. Each of the 12 devices on the network can be given a customisable friendly name made visible on the screen to make instant identification possible.

This multi featured high precision unit ensures reliable load readings while also being simple to operate. It can be used in conjunction with any DLM manufactured load cell, just look for the d+ logo on our products.

Features:

- Creates networks comprising of up to 12 individual devices from a single handheld display
- Up to 800m wireless range
- Ability to customise load cell name
- Internal audible alarm (90dB @ 0.1m / 75dB @ 1m)
- USB data logging
- RS232 serial or 0-5V analogue output
- Built in pulse measurement to show speed and distance
- Built in signal checker
- Four advanced maths channels for totalising and use of trigonometric functions
- Rolling average feature for unsteady loads
- Specifically designed to work in high noise environments around powerful WiFi networks or port terminals
- High quality optically bonded transflective display to improve clarity in bright sunlight

Applications:

- Weight indication for any load cell fitted with DLM TW3.0 transmitter board
- For use with wireless Running Line Monitors and Saddlebacks

Available Models

Type	Part Number	Description
TW-3.0-T-S	0001-1272	Standard Telemetry Handheld with Alarm output
TW-3.0-T-A	0001-1273	Advanced handheld with alarm, USB logging and RS232 output

pe	Part Number	Description
TW-3.0-T-A-AO	0001-1274	Advanced handheld with additional analogue output

Specification

Enclosure	Slimline IP67 plastic enclosure
Keypad	Membrane with tactile dome switches
Display	400x240 Transflective Display
Resolution	5 digits
Key function	On/off / Tare / Peak hold / Units
Measuring ranges	Kg / Metric Tonnes / US Tons / Kips / kN / lb
Protection	IP67
Battery type	3xAA
Battery life (constant use)	> 150 hours
Operating temperature	-20 to +60C
Range	Up to 800m range (line of sight)
Frequency	2.4GHz
Measurement rate	4 to 0.03Hz (4 times per second to once per 30seconds)
Serial retransmission	RS232 via USB / Serial convertor. Customisable ASCII string
Analogue Output	0-5VDC via additional IP67 connector
Alarm	Internal alarm (90dB @ 0.1m / 75dB @1m)
Software	RS232 data logging
USB Data logging	Sample rates from 4Hz to 0.03Hz. Stored to micro USB key
Approvals	UKCA, CE, FCC and IC tested and compliant