

T24-HA

Handheld Telemetry Display Unit

12 Channel

- ◆ Licence free 2.4GHz band
- ◆ 12 loadcell channels
- ◆ Very high resolution
- ◆ Battery powered
- ◆ Sealed to IP67
- ◆ 1 year warranty



This wireless handheld display module provides an 8 digit LCD reading from up to twelve T24 loadcell data acquisition modules. The remote data acquisition modules can be 'powered on' and 'powered off' automatically as the T24-HA handheld is operated. Status indicators inform the user if the remote acquisition module has input integrity problems, low battery, low signal, over range or other error.

The display can be toggled between gross and a tared value.

The licence free 2.4GHz direct sequence spread spectrum (DSSS) radio technology offers high integrity, error free communications which can co-exist with other wireless technologies such as Wi-Fi, Bluetooth® and Zigbee®.

This handheld module uses a pair of standard alkaline AA cells and is configured using free T24 Toolkit software which runs on a computer connected to a T24 base station.

The T24 system can be used with any of our loadcells. Details of our loadcell families can be found in the Product List and the Loadcell Specifier Guide. If you require copies please contact our sales department or look on our web site at www.novatechloadcells.co.uk.

T24-HA Specification

Description	Min	Typical	Max	Units
Licence	Licence exempt			
Modulation method	MS (QPSK)			
Radio type	Transceiver (2 way)			
Data rate		250		kbits/sec
Radio frequency	2.4000		2.4835	GHz
Power		10		mW
Line of sight transmission distance		400		m
Channels (DSSS)			16	
Power supply voltage	2.5	3.0	3.6	V
Battery life - active		35		hours
Battery life - standby		1.5		years
Case dimensions	H 34 W 90 L 152			mm
Operating temperature range	-10		50	°C
Storage temperature	-40		85	°C
Humidity	0		95	%RH Non condensing
Sealing		IP67		

Notes:

FR = full range.

RH = relative humidity.

Line of site transmission distance assumes ideal conditions with the data acquisition unit 3m above the ground. The batteries used may reduce the operating temperature range. Storage temperature is without batteries.

Order code

T24-HA Handheld battery powered 12 channel display unit.

T24 Toolkit software and system manual are available for download. The T24 system can be calibrated in a number of different ways depending upon the application. Please consult our engineering department for help with your requirements.

Please see Engineering Sheet E035 for 'Frequently Asked Questions' for the T24 Telemetry system.



Complies with EMC directive, 2004/108/EC.
The Radio Equipment and Telecommunications Terminal Equipment (R&TTE)
Directive, 1999/5/EC. RoHS compliant.



Novatech reserves the right to vary the foregoing details without prior notice

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