

Wireless Radio Telemetry Handheld Display Unlimited Inputs

Features



- Wakes and reads unlimited numbers of acquisition modules
- Worldwide licence exempt 2.4 GHz radio
- 120 metre (400 feet) range maximum
- Simple configuration via PC using base station with Telemetry Toolkit software
- Environmentally sealed to IP65
- Remote battery check



Introduction

The T24-HR is a portable battery-powered roaming handheld which allows the viewing of an unlimited number of acquisition modules.

By simply 'roaming' past the acquisitions modules, the handheld will wake each device and display the data tag of

the remote acquisition module on the LCD display. With user-friendly T24 toolkit software, the data tags can be set to allow identification of each acquisition device allowing the viewing experience to be tailored to each particular application.

Specifications

T24-HR

Electrical	Min	Typical	Max	Units
Power Supply voltage	2.4	3.0	3.6	V dc

Power Supply	Min	Typical	Max	Units
Active		35	40	mA
Low power mode		120	160	uA
Estimated Battery life using 2Ahr batteries:				
Standby mode (Powered off)		1.5		Years
Continuous operation		40		Hours

Environmental	Min	Typical	Max	Units
IP rating		IP65		
Operating temperature range	-10		+50	C
Storage temperature	-40		+85	C
Humidity	0		95	%RH

Physical	
Hand Held Dimensions	90 x 152 x 34mm

Module Transmits & Receives giving:

1. Remote battery check

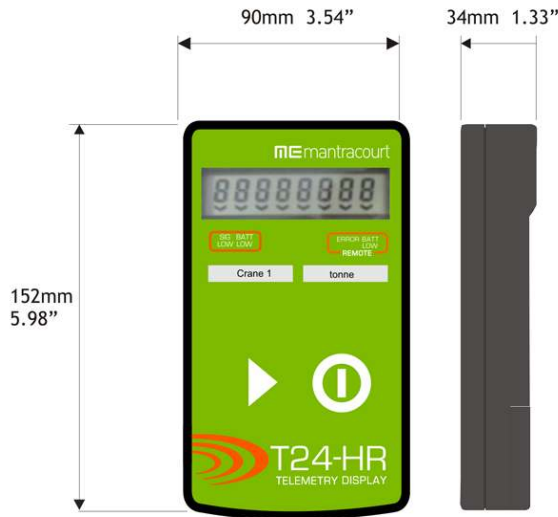
Product Order Codes

T24-ACM	Wireless Radio Telemetry Acquisition Enclosure
T24-ACMi	Wireless Radio Telemetry Acquisition Enclosure
T24-ANTA	Wireless Radio Telemetry Antenna
T24-ANTB	Wireless Radio Telemetry Antenna
T24-ANTC	Wireless Radio Telemetry Antenna
T24-AO1	Wireless Radio Telemetry Desktop Analogue Output Module
T24-AO1i	Wireless Radio Telemetry Industrial Analogue Output Module
T24-BC1	Battery Charger for T24 Acquisition Modules
T24-BSi	Wireless Radio Telemetry Industrial Base Station
T24-BSu	Wireless Radio Telemetry Base Station USB
T24-DPV	Wireless Radio Telemetry T24 Data Provider Viewer and Logger
T24-HA	Wireless Radio Telemetry Handheld Display Multiple Inputs
T24-HR	Wireless Radio Telemetry Handheld Display Unlimited Inputs
T24-HS	Wireless Radio Telemetry Handheld Display Single Inputs
T24-IA	Wireless Radio Telemetry Current (4-20mA) Acquisition Module
T24-PR1	Wireless Radio Telemetry Printer
T24-RM1	Wireless Radio Telemetry Data to Relay output
T24-SA	Wireless Radio Telemetry Strain Gauge /Load Cell Acquisition Module
T24-SAf	Wireless Radio Telemetry 2KHz Strain Gauge Acquisition Module
T24-SO	Wireless Radio Telemetry Printer and Display Driver
T24-TK	Wireless Radio Telemetry Toolkit Software
T24-VA	Wireless Radio Telemetry Voltage (0-10V) Acquisition Module

For more up to date information visit our website www.mantracourt.co.uk/products/wireless-telemetry

Mechanical Dimensions

T24-HR



Approvals

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



In the interests of continued product development, Mantracourt Electronics Limited reserves the right to alter product specifications without prior notice.

Designed,
Manufactured
& Supported in the UK