

T24-ACM Single Channel Wireless Telemetry Docking Module

Features

- Field terminals and screw terminals for ease of connection
- Powered by self-contained batteries for up to 5 years
- Regulated external supply
- Simple configuration and calibration of acquisition module via PC using a base station and Telemetry Toolkit software
- Integrated PCB antenna
- IP65 sealed enclosure

Typical Applications

- Crane Weighing and Overload Protection
- Production machining condition monitoring
- Vessel Weighing
- Vehicle Weighing

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Due to continual product development, LCM Systems Ltd. reserves the right to alter product specifications without prior notice.

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Description

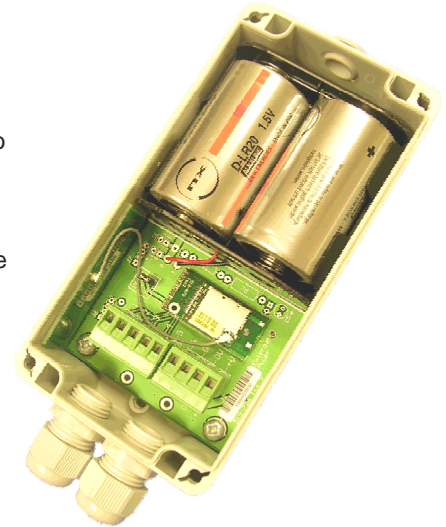
The T24-ACM is a single channel connectivity module, offering high precision measurement of a single input. It has a high performance radio/telemetry output when fitted with one of our telemetry acquisition modules.

Usable around the globe on the license-free 2.4GHz frequency, the T24 range avoids local radio interference to ensure data integrity and security.

For use in any measuring applications, from torque to weight, vibration to flow, the T24-ACM offers users a complete solution to their measurement requirements. The T24-ACM provides easy connections and powering within its IP65 enclosure.

The following acquisition modules are suitable for use in the T24-ACM:-

T24-SAe	Strain Gauge Acquisition Module
T24-VAe	Voltage Acquisition Module
T24-IAe	Current Acquisition Module



Specification

Electrical	Min	Typical	Max	Units
Battery Supply voltage	2.1	3.0	3.6	Vdc
External Power Supply Voltage	5		18	Vdc
Environmental	Min	Typical	Max	Units
IP rating		IP65		
Operating temperature range	-10		+50	°C
Storage temperature	-40		+85	°C
Humidity	0		95	%RH

Mechanical

Case dimensions	160 x 80 x 55mm
Case materials	Light grey ABS with IP65 cable glands
Terminals	2.5mm, rising clamp field terminals
Accessibility	All electronics accessible by removing lid
Power Supply	From 'on-board' batteries (2 x D size cells Alkaline) please note these batteries are not included

Order Codes

T24-ACM-SA	Single Channel Strain Acquisition
T24-ACM-VA	Single Channel Voltage Acquisition
T24-ACM-IA	Single Channel Current Acquisition

Mechanical Dimensions

All dimensions in millimeters

