

T24-PR1 Wireless Telemetry Wall Mounting Printer

Features

- Thermal printer with 112mm (4") Paper width
- Up to 94 characters per line
- High speed Printing (40mm/sec)
- Capable of printing data from up to 8 acquisition modules or a T24-HA advanced handheld module.
- 120metre (400 feet) range maximum
- Text and formatting stored within module
- Full error detection and correction
- Simple configuration via PC using a base station and Telemetry Toolkit software

Typical Applications

- Vehicle weighing systems
- Vessel weighing systems
- Platform weighing
- On-line quality control

Description

The T24-PR1 is a telemetry enabled printer that is capable of printing and summing values from up to 8 acquisition modules. Designed with a wide input voltage range 9-36Vdc, this printer module is suitable for in vehicle applications; as well as more static applications.

The PR1 can be supplied with a mains power supply for desktop use, if required.

The printer can be triggered using either software control, a button push or using a T24-HA hand held battery powered display. The PC based toolkit allows users to enter up to 8 acquisition module data sources, with an option to sum all 8 components, as well as add text and format the output design.

NOTE: Requires either a T24-BSu or T24-BSi for configuration.



Specification

Electrical	Min	Typ	Max	Units
Power Supply Voltage	9	24	36	Vdc
Power Supply Current	Min	Typ	Max	Units
Active not Printing	-	350	500	mA
During Printing:				
Input Voltage of 9V	-	5	8*	A
Input Voltage of 24V	-	2.5	3.75*	A

* Note these are peak currents of less than 4mS during printing of black areas

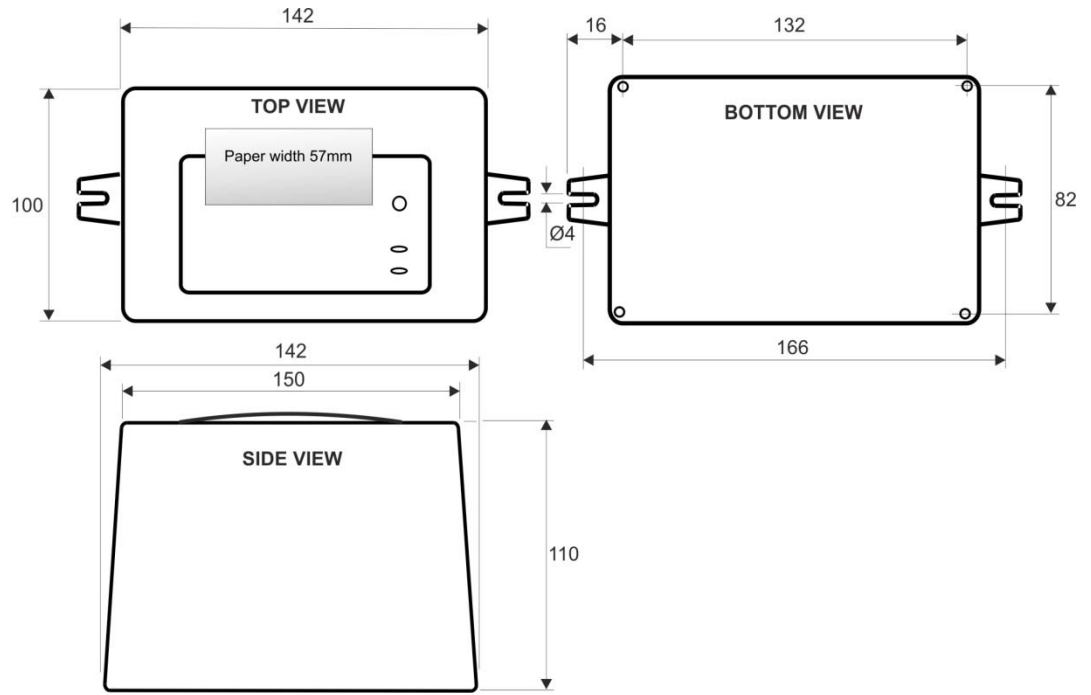
Environmental	Min	Typ	Max	Units
Operating temperature Range	-10	-	+40	°C
Storage temperature	-10	-	+60	°C
Humidity	10	-	90	%RH

General Radio	Min	Typ	Max	Units
Licence	Licence Exempt			
Modulation Method	MS (QPSK)			
Radio Type	Transceiver (2 way)			
Data Rate			250	K bits/sec
Radio Frequency	2.4		2.4835	GHz
Power		1		mW
Range			200 (650)	Metres (feet)*
Channels (DSSS)		16		

*Maximum range achieved in open field site 3 metres above ground .

Mechanical Dimensions

All dimensions in millimeters



Approvals

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

FC
Family: RAD24

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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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