HELINAV LOADMASTER

Wireless Load Sensor Handheld Receiver

The wireless HELINAV LOADMASTER Handheld Receiver is used in conjunction with the HELINAV LOADMASTER wireless Load Sensor. It provides the user with an easy way to receive and view data from the Load Sensor.

Up to 9 HELINAV LOADMASTER Load Sensors can be selected from the Handheld Receiver and individually displayed. These Load Sensors can be individually named by plugging the Load Sensor into a PC via USB and using the Load Sensor software. They can then be easily distinguished on the display, which will show the name of the Load Sensor currently being read.

The display shows the name of the current Load Sensor, the load, battery status of readout and Load Sensor and signal strength. By using the menu tree on the readout the user can select which Load Sensor to read, what units to be displayed, tare the data, display peak value and many more functions.

A 9 way D connector is provided to output data via USB mini B to charge the battery and output data to a PC.

Benefits

- Reads multiple Load Sensors

- Receives data at least 100m

- Receives data at 10 times a second

- Connect to PC via USB for user setup

- Output data via USB

- Ruggedized rubber case with back stand

- Long life rechargeable battery powered

Technology

The HELINAV LOADMASTER Load Sensor works in the worldwide harmonized band of 2.4 GHz so does not require a licence to operate and uses advanced technologies to enable data to be sent and received error free, these include, forward error correcting and data whitening.
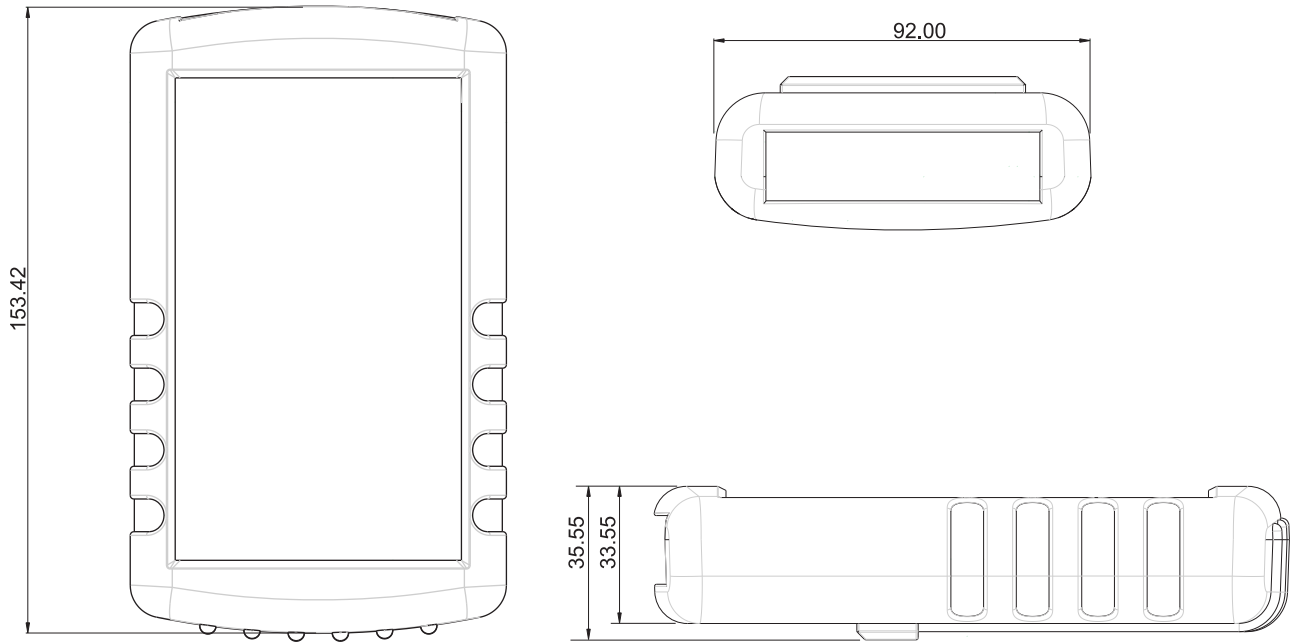
SENSOR TECHNOLOGY

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Mechanical Data

153.42

92.00

35.55 33.55

Technical Data

RF

Receiver Sensitivity	-89 dBm
Frequency Range	2425 - 2430 MHz 20 Channels 250kHz steps
Connector	SMA

Data output options

	Baud rate	Pin 1	2	3	4	5	6	7	8	9	Connector
USB mini B		VBUS	D-	D+	NC	GND	N/A	N/A	N/A	N/A	VBUS D- D+ NC GND 1 2 3 4 5

Power Input

DC

Connector	USB mini B
Voltage	5 VDC

Battery

Type	Li-Ion
Voltage	3.7V 2200mAH
Charge Time	TBC

Environmental Protection	IP54
Weight	350 Gramms
Materials	Plastic
Operating Temp Range	-10ºC to + 50ºC
Storage Temp Range	-20ºC to + 60ºC
RFI / EMC	To EN301-489 1