

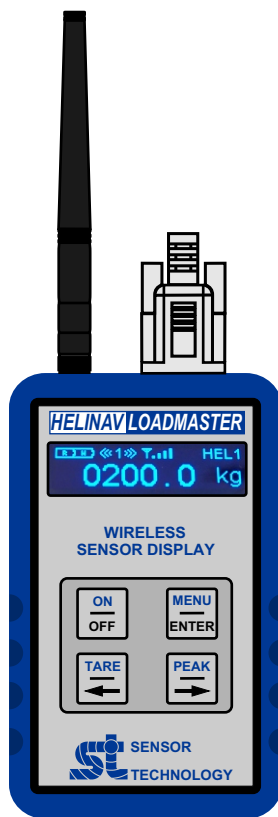
Wireless **HELINAVLOADMASTER** HandHeld Reciever

The wireless **HELINAVLOADMASTER** HandHeld Receiver is used in conjunction with the **HELINAVLOADMASTER** wireless load cell. It provides the user with an easy way to receive and view data from the load cell.

Multiple **HELINAVLOADMASTER** load cells can be selected from the handheld receiver and individually displayed. These load cells can be named by plugging the load cell into a PC via USB and using the load cell software. They can then be easily distinguished on the display which will show the current name of the load cell being read.

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

The readout also has an SMA connector so an external antenna can be fitted, a 9 way D connector to output data via RS232 / RS422 and a power input jack to charge the battery or to run from mains.



Benefits

- Reads multiple Loadcells
- Receives data up to a distance of 30M*
- Receives data at 10 times a second
- Connect to PC via USB for user setup
- Output data via RS232 / RS422
- Ruggedized rubber case with back stand
- Long life battery powered

Technology

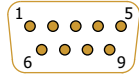
The **HELINAVLOADMASTER** load cell works on the worldwide harmonized band of 2.4 GHz so does not require a licence to operate and uses advanced technologies to enable data to be sent and received error free, these include, forward error correcting and data whitening.

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
RS232	9600	nc	RXD	TXD	nc	GND	nc	nc	nc	nc	
RS422	9600	TX-	TX+	RX+	RX-	GND	nc	nc	nc	nc	

Power Input

DC

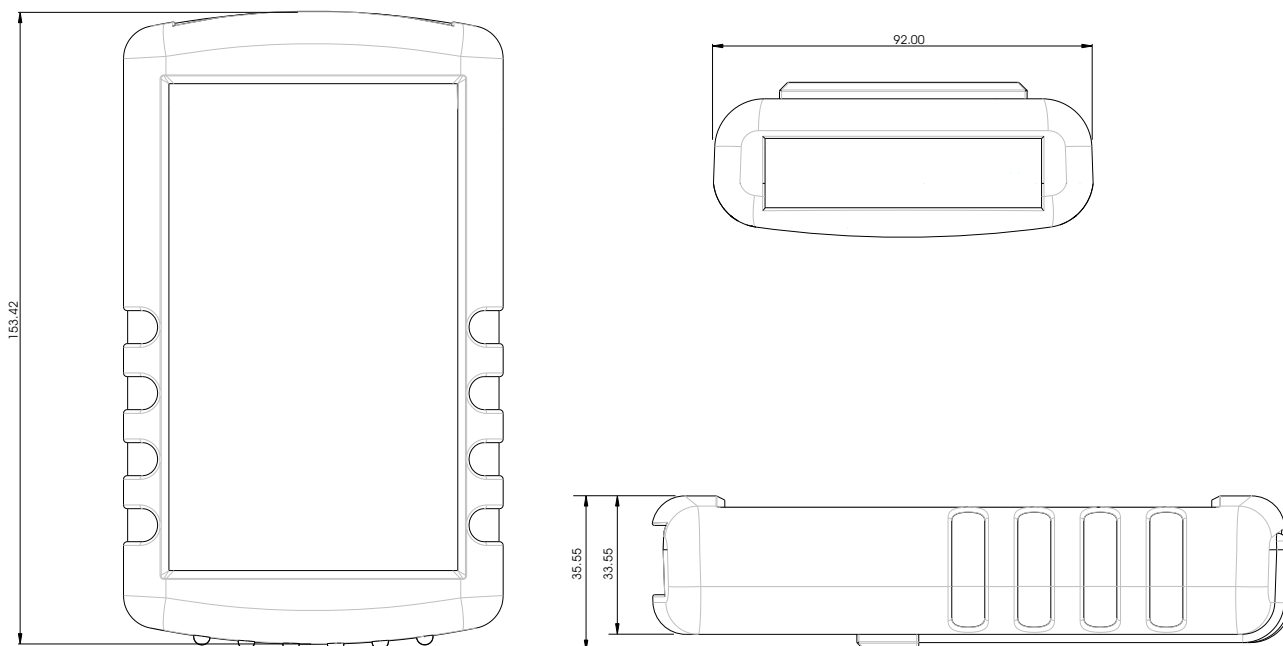
Connector	3.5mm Jack
Voltage	5-24 VDC
Currents	800 mA

Battery

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

Environmental Protection	IP54
Weight	350 Gramms
Materials	Plastic
Operating Temp Range	-10°C to + 50°C

Mechanical Data



Sensor Technology Ltd reserves the right to change specification and dimensions without notice.