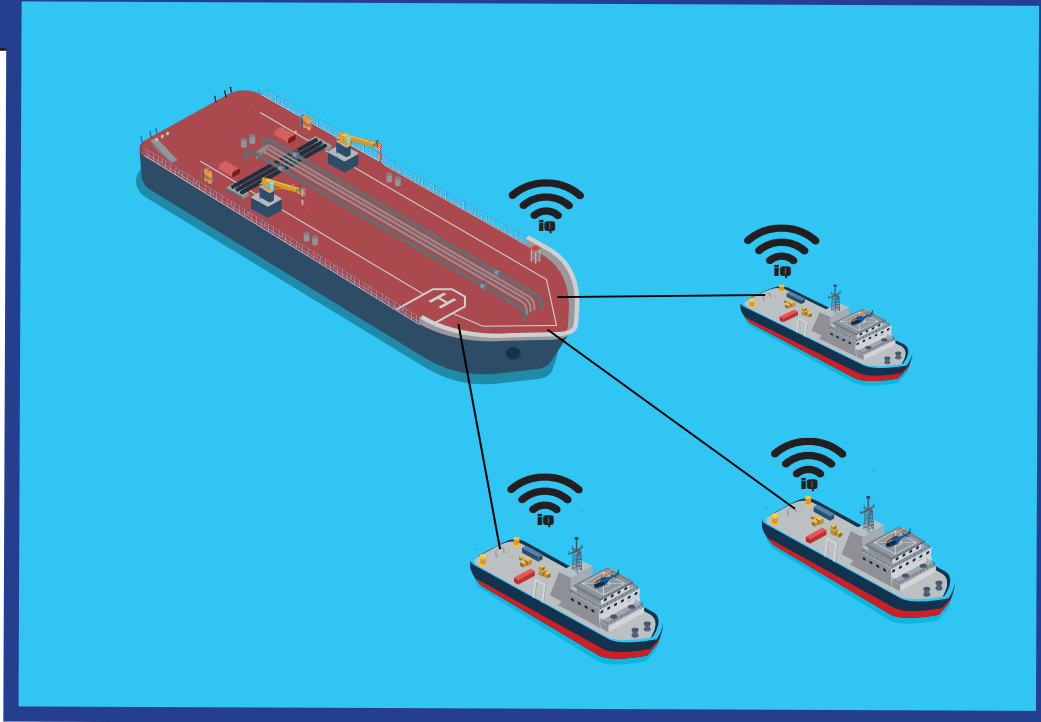


iQradio telemetry platform



iQ-S8

iQ Radio has built a modular telemetry platform. Manufactured to meet your requirements. Based on the past experience as well as future requirements we listen to customer requirements in various markets to hear and learn about the wishes and demands in the markets. With our modular design and flexibility in using your desired interfaces we supply telemetry solutions in ranging from UHF to Cellular up to Wi-Fi p, Wi-Fi and Bluetooth.

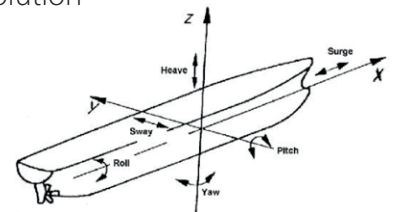
iQ-S8

The iQ-S8 is a multichannel telemetry transceiver operating in the European license free 869-870 MHz band. This compact telemetry platform finds its use in multiple application fields wireless connecting all kinds of devices i.e. motion sensors (maritime, etc.), remote controlled vehicles, remote switching/sensing, etc. The equipment complies with the following international standards EN 300 220-2, EN 301 489-1, -3 and EN 60950-1.



TRANSCEIVER

Frequency	868 ... 870 MHz
Channel Width	25 kHz
Tuning Range	2 MHz
Frequency Control	Synthesized 25 kHz tuning resolution
Modulation	4FSK
Carrier Power	10, 20, 50, 100, 200, 500 mW

**DATA MODEM**

Interface	RS-232
Interface connector	DB15, female
Data speed of serial interface	9600-115200 bps
Data speed of radio interface	19200 bps
Data format	Asynchronous data
Air interface encryption	AES128 (optional)

**GENERAL**

Input Voltage	9-30 Vdc / 1A
Power Consumption, Typical	0.9 W (receive) 4.3 W (transmit 0.5W)
Temperature Range	-25 °C ... +55 °C
Antenna connector	TNC, 50 ohm, female
Construction	Diecast aluminium alloy
Size HxWxD mm	115*64*31
Weight	250 g



Distributor:

Manufacturer:

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*Subject to change without notice