

AQUALINK

AquaLink Radio Modem

AquaLink is a robust single/multi-channel radio modem housed in a watertight aluminum case.



Features

- **AquaLink** is a **robust single/multi-channel radio modem**.
- **AquaLink** is a long range **2.4 GHz RF** transceiver.
- **AquaLink** is housed in a **watertight (IP65)** aluminum case.

Specifications

- | | |
|------------------------------|---|
| • Frequency Range: | 2.444-2.4835 MHz |
| • Range, Line-of-Sight: | +/- 10 km with appropriate antennas |
| • Sensitivity: | - 105 dBm |
| • Baud Rate: | user selectable range between 9k6 / 230k4 kbps (default 57k6) |
| • Error Detection: | 24 bit CRC and ARQ |
| • Hopping Channels: | 95 |
| • Transmit power: | user selectable 10-63-250 mW (default 63 \pm 18 dB) |
| • Rover ruggedized antenna: | 5 dB |
| • Base magnet mount antenna: | 5 dB |
| • Total transmit power: | 20 db \pm 100 mW |
| • Supply Voltage: | 8 – 24 vdc |
| • Current mA: | 325/100/65 mA |
| • Operating Temperature: | - 40 to 75°C |
| • IP code case: | IP65 |
| • CE & RoHS compliant: | 02-2018 |

