

Acoustic Modem Series



- Connect remote devices as if they are directly connected via cable.
- Easily integrate wireless technology into existing systems for quick system deployment.
- Reduce or remove requirement for cabled connections, ROV deployment and diver intervention.
- Internal battery and external power options, no external battery pack required.

Imenco has an extensive track record of providing subsea wireless solutions tailored to the needs of clients.

When the requirement is for simple point-to-point wireless transfer of data, the Acoustic Modem Series provides key building blocks allowing you to assemble your own Smart Solution.

Imenco can also provide optimised solutions, allowing data to be transmitted more efficiently, maximising data throughput and battery life.

For further information, email commercial@imenco.com

Acoustic Modem

Available Models

- 0114-0930 Dunking Transducer
- 8013-6290 ROV Transceiver
- 8013-6291 Acoustic Modem, 2Ah NiMH rechargeable battery
- 8013-6292 Acoustic Modem, 9Ah NiMH rechargeable battery
- 8013-6293 Acoustic Modem, 70Ah Alkaline battery
- 8013-6294 Acoustic Modem, 266 Ah Lithium primary battery

Options

- 0115-1210 NiMH Battery Charger + Charging Cable
- 8013-6282 ROV On/Off Switch + Interface Cable
- 3014-6971 Cable Assembly: Modem Serial and Power
- Solutions for mounting, battery, and optimised data rate available on request

Description	Specification
Transmission range	Up to 3 km
Operating frequency	24-32 kHz
Data rate	300 bps
Interface	RS232, RS485 0114-0930 Dunking Transducer: Amphenol EcoMate External Power / Charging / On/Off Switch: SubConn FCR1204F Data / Power: SubConn FCR1206M
Depth rating	Acetal: 1000 MSW Anodised Aluminium: 3000 MSW Stainless Steel: 4000 MSW Titanium: 6000 MSW
Battery life	2 Ah NiMH: Up to 3 months 9 Ah NiMH: Up to 1 year 70 Ah Alkaline: Up to 5 years 266 Ah Lithium Primary: Up to 10 years Battery life calculations available on request for expected usage scenarios

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