

Introducing the new

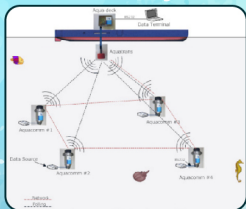
ACOUSTIC COMMUNICATION

Our communications system works by creating a wireless communications link between underwater customer instrumentation and above-water customer equipment.

Our Acoustic Communication system will consists of following modules,

AquaComm: Wireless Underwater Modem with Acoustic Transducer which will be fitted into the underwater platform (AUV/ROV).

The general specification of underwater modem is as follows
Horizontal Range: 1000m | Data Rate: 480Bps | Vertical Range: 3000m



AquaBase: It is a deck unit for the surface platform, be it a boat or a pier. AquaBase is a splash-proof, small-size package that can be easily carried by a person to locations where they need to communicate with other modems. There are connectors on the casing to plug in the dunking transducer (AquaTrans) and serial cable.

Also included is a rechargeable battery, socket and cable.

AquaTrans: The Acoustic Transducer used by AquaComm are omni-directional, hence special orientation of the transducer is not required.

Variants:

Solid Dunking Transducer

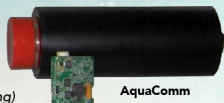
(10 Watt Transducer rated to a depth of 300m)

Solid Bulkhead Transducer

(5 Watt Transducer rated to a depth of 300m Face Sealing O-ring)

Oil Filled Bulkhead Transducer

(5 Watt Transducer rated to a depth of 3000m Face sealing O-ring)



AquaComm



AquaTrans
Ducking Transducer



AquaTrans
Bulkhead Transducer



AquaBase

Our AquaComm OEM Kit 1 is optimal for companies who possess underwater housing.

Our AquaComm OEM Kit contains;

2 x AquaComm Modem

(Customer is to select the type)

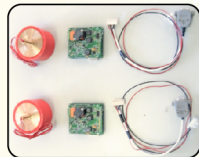
2 x UW Acoustic Bulkhead and/or Dunking Transducers

(Customer is to select the depth)


2x Aquacomm serial/power cables

(The customer is to supply)


9V - 5V Battery Pack



 **OCEAN ROBOTIX**
We care for the oceans..

 www.oceanrobotix.com

 sales@oceanrobotix.com

 +91 98801 50656 | 63667 89666

 #1103, Mandhara, 20th Cross, A Block, Near Radha Krishna Kalyana Mantap, Sahakarnagar, Bangalore - 560092