

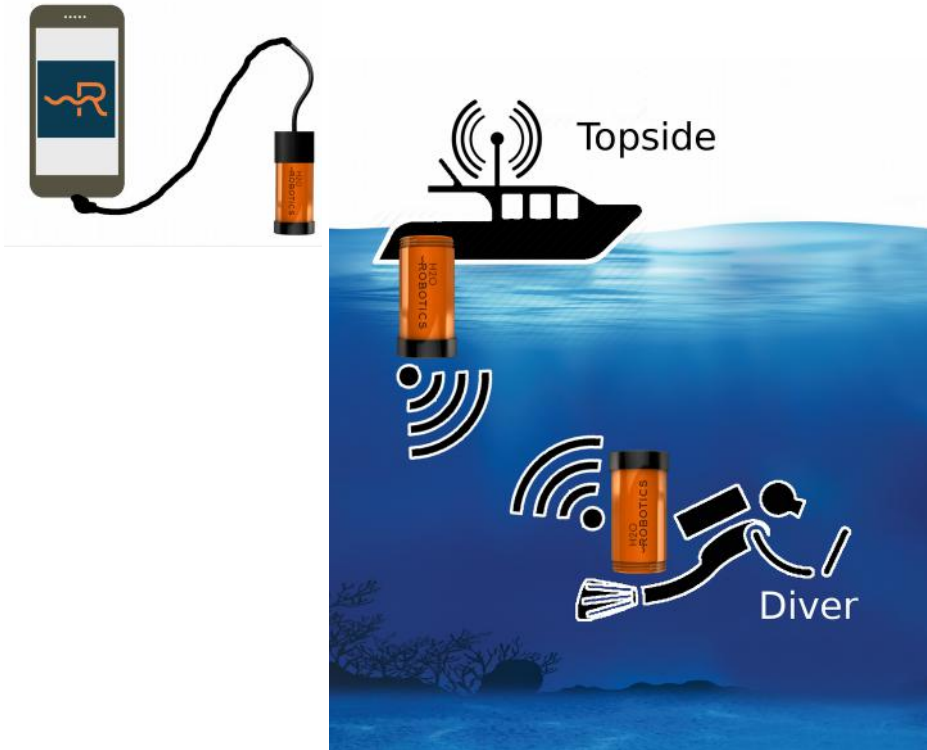
H2Orologio

Transform the way you communicate
(chat, get data) with your dive buddy

- Acoustic Communication device
- Stand alone, self contained
- Lightweight
- Low-Cost
- Easy to use
- Smartwatch application included
- SDK / API 3rd party



Talk to your underwater assets



Connect the **device** to the smartphone using USB. Start the H2O Robotics mobile app on the Smartphone.



Connect your diving smart watch to the **device** wirelessly via Bluetooth to allow data transfer and messaging.

Functions

local_modem_status



range

remote_modem_status



depth

request_screen_1



request_screen_2



setting_screen



chat_screen_1



chat_screen_2



chat_screen_3



H2Orologio - Specification

MECHANICAL	
Device length	: 9 cm
Device width / height	: 7 cm / 4 cm (with the watch)
Device weight (air)	: 400 grams
Depth rating	: 100 meters
Material	: 10 hours
Autonomy/Endurance*	
Operating temperature	: -10 to 60 °C
ELECTRICAL / INTERFACE	
Supply	: Internal rechargeable batteries (inductive charging)
Power consumption	: 216 mAh at 12V
Physical interface	: wireless - Bluetooth
Indicator	: Status LED (Power, Solid green - booting, Blinking green - running)

* the unit uses low power electronics to stay on and only uses additional power when it replies after being interrogated

H2Orologio - Specification

ACOUSTIC	
Range	: 1000 meters
Directivity	: Omnidirectional
Ranging frequency	: up to 2 Hz
Data supported with ranging	: Chat, Range, Depth, Temperature, Battery status
Operating Frequency	: 24 - 32 kHz
Comm. Bandwidth	: 450 bps
APPROVALS	
RoHS compliant	: undergoing the process
CE	: undergoing the process