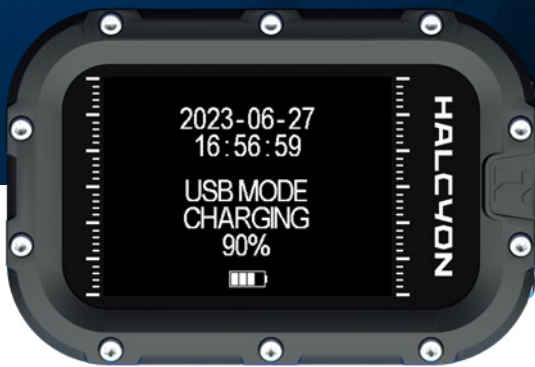


SYMBIOS™ COMPUTER

Discover our precision-crafted gear  
that adapts to your underwater journey.

# SYMBIOS



H\_HANDSET



H\_HUD

Symbios Technology is designed to elevate your diving experience with cutting-edge features, equipping you for today's adventures and tomorrow's challenges.

H\_TANK POD

H\_HANDSET

H\_HUD



## Compact, High-Resolution HUD computer

**Feature-Packed in a Small Form:**

The HUD retains a full range of features within a compact design.

**Crystal-Clear Display:** Delivers 10 times the resolution of more affordable units, yet remains competitively priced.



## Eco-Conscious and Efficient

**Rechargeable Battery:** Simple to recharge, the battery is designed to minimize environmental impact and provide long-lasting power.



## Cutting-Edge Connectivity

### Integrated Ecosystem

The handset connects seamlessly to a growing suite of devices, providing real-time data on diver orientation, gas levels, oxygen supply, and more.

### Buddy Sharing

The buddy-screen feature allows for easy data sharing with fellow divers, enhancing safety and collaboration underwater.







## State-of-the-Art Display

### Hybrid Transflective Color Screen

The display offers excellent visibility in all lighting conditions with minimal power consumption.

### Ambient Light Enhancement

The screen reflects ambient light to improve clarity and allow visibility even with the backlight off; it performs exceptionally well in direct sunlight.

### Customizable Display

Adapt the screen to your environment with options like a large-format display for enhanced readability.



# Dive into the Future with Symbios Technology



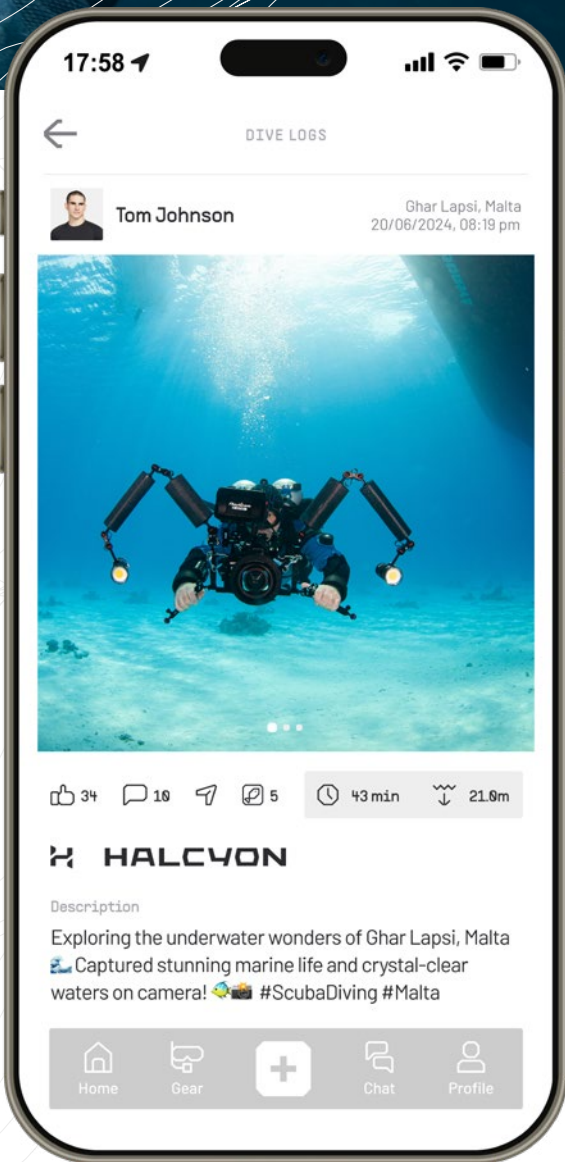
## Sleek, Ultra-Slim Design

The Symbios handset's ultra-slim build offers a snug fit, even for divers with smaller hands.

## Intuitive Controls

Tactile-response buttons are designed for ease of use whether or not you're wearing gloves.





## Comprehensive App Support

### Community-Driven App

Gain unparalleled control over your device with an app supported by a vibrant user community.

### Share and Grow

Dive deeper into your experiences by sharing profiles and tips, all while benefiting from regular app-based firmware updates.

### Tailored Experience

Customize settings based on your user profile, manage gas libraries, and receive personalized support through an integrated chat feature.

### Dry-Dive Capability

Test and simulate dives in real-time with your Symbios Handset / HUD before entering the water.





**H**<sup>TM</sup> CHAMBIOS



## Seamless Rebreather Integration

Wireless Compatibility: Effortlessly connects with the Halcyon Symbios Rebreather and is future-ready for wireless integration with an expanding range of rebreathers.

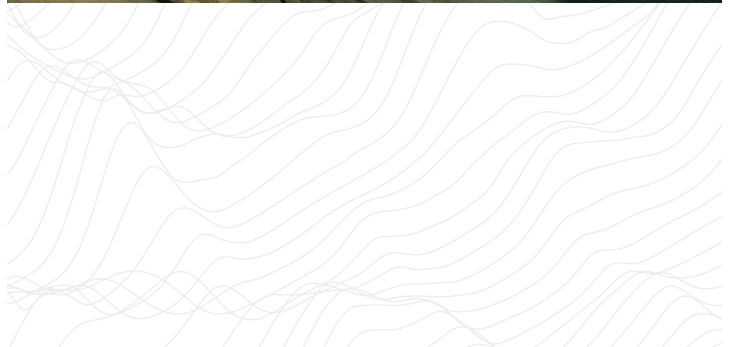
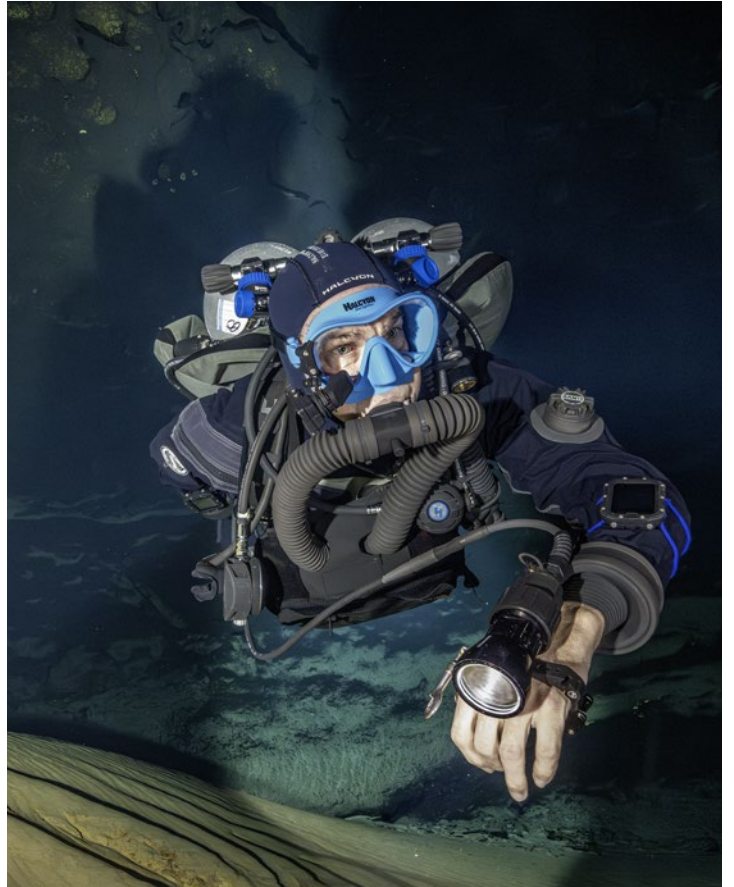
## Forward-Looking Technology

### Versatile Operating System

Switch easily between diving modes, including mixed gas and CCR (fixed or integrated), with sidemount support via Symbios Tank POD connectivity.

### Simplified Gas Management

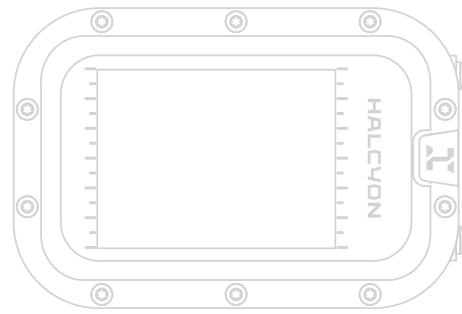
The comprehensive gas library makes setup easy, with support available from Halcyon's global dealer and repair network.



H\_HUD







## Sophisticated Wireless Technology

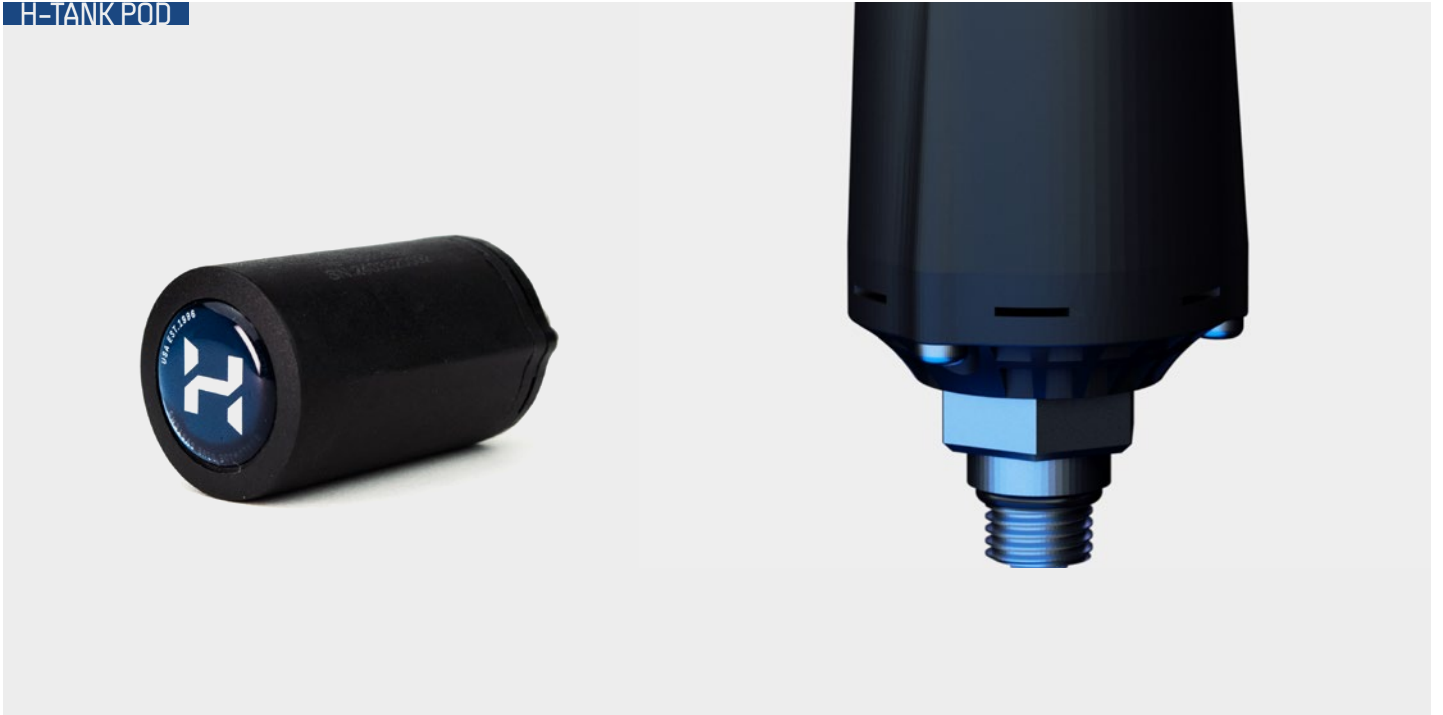
The handset uses “checksums” to isolate the potential for corrupt data.

Symbios Technology reduces risk even when compared to wired connections where a corroded wire, with high resistance, sends compromised data.

This set fulfills all EMC requirements (and is FCC and CE compliant).



## H-TANK POD



### From the Symbios Tank POD

- / Diver orientation (trim position) and Gas Pressure

### From Symbios connected CCRs (natively or via the CCR POD) Oxygen Levels (PO2 on three cells)

- / Oxygen Levels (PO2 on three cells)
- / Battery charge state, CO2, scrubber temperature, and more

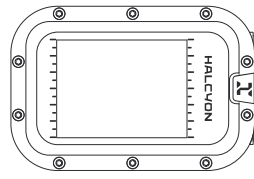
### From Symbios Enabled Products

- / Diver location from Symbios GPS POD
- / DPV or other device battery levels
- / Run time, remaining time, battery health Personal, performance, and/or biometric data

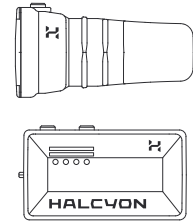




## SYMBIOS handset



## Symbios HUD



### BEST SUITED FOR

DISCRIMINATING DIVER  
Discriminating Diver looking for a future-proof and scalable device.

DISCRIMINATING DIVER,  
Discriminating diver seeking hands-free monitoring for photos, military, and rebreather diving.

### KEY FEATURES

Industry-leading, wireless technology receives wide-ranging data sources from RB, DPV, HP, GPS/ Positioning systems, Trim and more. Vibration, alerts, rechargeable battery.

Industry-leading, wireless technology receives wide-ranging data sources from RB, DPV, HP, GPS/ Positioning systems, Trim and more. Vibration, alerts, rechargeable battery.

### DIVE MODE TYPES

Multi-gas, OC, fixed or integrated CCR, Integrated Sidemount, Gauge, Buddy Screen, Large-format screen options

Multi-gas, OC, fixed or integrated CCR, Integrated Sidemount, Gauge, Buddy Screen, Large-format screen options

### NUMBER OF GAS

5 OC/CC

5 OC/CC

### ALGORITHM

ZHL16-C

ZHL16-C

### SCREEN RESOLUTION

320 x 240

240 x 240

## SYMBIOS handset

## Symbios HUD

DISPLAY TYPE	Transflective full color display	TFT full color micro-display
DISPLAY SIZE	2.4"	Virtual image of ~ 20x20cm <sup>2</sup> in 70cm distance
COMPUTER DIMENSION (WxHxD)	94.4x63x19.8mm <sup>3</sup>	68.3x62.5x36.1 mm <sup>3</sup>
BATTERY TYPE	Rechargeable Li-ion Battery	Rechargeable Li-ion Battery
BATTERY LIFE	Up to 30 Hours with brightness level 5	Up to 12 Hours with brightness level 5
DIVE LOG CAPACITY (10 SECS RATE)	5s rate, 1000h	5s rate, 1000h
DEPTH RATING	120m	120m
VIBRATION & AUDIBLE ALERTS	Vibration	—
AIR INTEGRATION	Yes, with Tank Pod with a built in Trim Sensor	Yes, with Tank Pod with a built in Trim Sensor
NUMBER OF TRANSMITTERS	Up to 9	Up to 9



## SYMBIOS handset

## Symbios HUD

### BT WIRELESS TECHNOLOGY

Yes

Yes

### INTERFACE

2 Tactile-response buttons

2 Tactile-response buttons

### COMPASS

3-Axis, tilt-compensated, electronic compass with both digital and rose formats

3-Axis, tilt-compensated, electronic compass with both digital and rose formats

### NDL PLANNER

No

No

### DECO PLANNER

No

No

### FIRMWARE UPDATES FUNCTION

Yes

Yes

### MULTIPLE LANGUAGES

English, German, Korean, and Chinese with free updates for additional languages.

English, German, Korean, and Chinese with free updates for additional languages.

### WRIST STRAPS

Blue Bungie kit

clamp

### ACCESSORIES

Charging cable

Charging cable

**HALCYON™**  The logo graphic consists of a white line that starts with a horizontal segment, then rises to a peak, descends to a trough, rises to a second peak, descends to a second trough, rises to a third peak, and finally descends to a horizontal segment.