



Single Diver PSU (SD_PSU_1)



Compact, robust and reliable, the Single Diver PSU facilitates all power and data communications between the diver-worn DPPmax and the topside supervisor's laptop. It offers AC and DC power protection, ensuring safe power handling as well a current meter to allow the supervisor to monitor power consumption. A reliable data link for video, digital audio and 3D Sonar data is provided, with two standard Ethernet connectors allowing for simultaneous connectivity with the supervisor's laptop and ancillary sensors. The whole package is built into a small ruggedised flight case, which is lightweight and easy to handle, and can be made watertight when not in use by simply closing the lid. A Multi-Diver PSU Version available of the PSU is available for scenarios that require up to 3 divers.

The DPPmax is the core of the wider, highly configurable **DAVDflex** solution, and is designed to be integrated with industry-leading solutions without sacrificing performance, reliability or ease of use.

The **DAVDflex** integrates topside control, a Head-Up Display (HUD), and digital communications for divers, facilitating seamless real-time information exchange between divers and supervisors via augmented reality displays in the diver's helmet. Divers access critical technical data and support from surface teams to optimize mission outcomes and enhance underwater safety.



DAVDflex Configuration

Reliable Data Link between Topside and Diver

Features

- Reliable Power and Data Communications
- AC and DC Power Protection
- Contained in a Small Watertight Ruggedized Case
- Simultaneous Connectivity with Laptop & Ancillary Sensors

Specifications

- 110-240 VDC Input

Data Input/Output

- SubConn® MCIL6F(to CA0000832)
- Ethernet/Power (to CA0000832)
- 2x RJ45 Ethernet (Laptop & 3D Sonar)
- 1x IEC Male (AC Input)

Physical

- Dimensions - 270mm x 246mm x 174mm approx.
(10.62 x 9.68 x 6.85 in approx)
- Weight - 3.5kg (7.71 lbs approx.)

Copyright©2026 Coda Octopus
The information in this publication was correct at the time of publishing however specifications may change without notice. Photos are included for illustrative purposes only and actual items may differ in appearance. Coda Octopus does not assume responsibility for typographical or photographic errors. Issue 1.2 (04.26).

