



**Coda Octopus:DIVE**  
Augmented Digital Diving Solutions

**DPPmax**  
SmartVisionPlatform

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The DPPmax is a high-performance, ruggedized and waterproof computer system which is designed to manage, acquire and process sensor inputs from devices such as audio, digital video, diver depth, motion sensors and real-time 3D sonar imagery. It can be mounted on a diver's pony cylinder to collect, process and display diver warn sensors, or installed in a subsea vehicle, and used to collect and process sonar and telemetry data for real-time 3D subsea imaging. Depth rated to 100m (328ft) and pressure rated to 10 Bar, the DPPmax has an integrated depth sensor, HDMI output and Ethernet and USB Connectivity, allowing it to interface with all manner of sensors and systems.

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

## Highly Performant, Ruggedized and Waterproof Computer System

### Features

- Ruggedized and Waterproof
- Supports Ultra-Low Light Cameras, Heads-Up Displays, Digital Communications and Echoscope® Data
- Depth Rated to 100m (328ft)
- Built-in GNSS to provide Real-Time Depth and Underwater Positioning

### Specifications

- 18-48 VDC Input

#### Sensors

- Depth Sensor

#### Data Input/Output

- SubConn® MCoM6M (Power + Ethernet),
  - Cobalt 10 Ping (Devices via USB)
  - SubConn® MCOM6F (Audio)
- Glenair® Aquamouse (HDMI Output)

#### Physical

- Dimensions - 178mm x 114mm x 52mm approx.  
(7.00 x 4.48 x 2.04 in approx)
- Weight - 1.2kg (2.20 lbs approx.)

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**Coda Octopus**  
Sound Underwater Intelligence

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