3D Connect 5G

Intuitive Integration Platform

Versatile Power, Control and Data Integration Units Designed to Streamline Installation and Maximise Operational Efficiency.

The 3D Connect 5G is versatile, seamlessly working with various sensors such as sonars, rotators, cameras, LiDAR and GNSS systems, providing fast Gigabit Ethernet networking for all connected sensors and computers. It is up to the task whether you have one sensor or many and can even handle dual-sonar configurations. It supports Echoscope PIPE® series sonars as standard, including our latest Echoscope PIPE *NANO Gen* Series® devices, and is compatible with legacy products like the Echoscope 4G®.

Designed to effortlessly handle data and control of all Coda Octopus 3D Hardware, while also supporting additional sensors such as Sound Velocity Profilers, which are easily integrated with the 3 onboard serial ports and auxiliary 12V power. The 3D Connect 5G allows users to further simplify deployment of the Echoscope® range of 3D sonars, increasing project efficiency by saving surveyors time with an intuitive, easy-to-use solution.

Simplifying the deployment of Echoscope® 3D sonars, the 3D Connect 5G saves surveyors time with its intuitive, user-friendly design. Its web-based diagnostics and monitoring interface enable simple online control of all connected devices, including power usage, which is essential for battery or generator-based power setups. Moreover, it is fully supported in all Coda Octopus software, including 4G USE®, and Construction Monitoring Software (CMS). With the flexibility to be mounted on walls for permanent setups or used on any available vessel, the 3D Connect 5G offers both AC and DC power options, making it an ideal choice for deploying Echoscope® on any vessel or surface.

Some of the innovative *3D Connect 5G* features available are:

Quick and Easy
Setup with full support in all Coda Octopus Software

Web Based App
Built-in Diagnostics, Monitoring and Configuration

Dual Time Sync Capability
For Echoscope® sonar, ISAR and IPT

Dual Gigabit
Networking Support for multiple clients

External GNSS
Support for external GNSS Corrections

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Coda Octopus
Sound Underwater Intelligence

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Power Input	24 - 28 V DC
Power Output	Multi-Output Power Supply supporting all connected sensors Additional 12V DC Auxilliary Power Output (2A)
Data Input/Output	Up to 2x Coda Octopus Sensors (Sonar, Motion, Camera & Rotator) 2x RJ45 Ethernet Gb/s Ports for PCs 3x RS232 DB9 Serial for External Sensor Input 2x RS232 DB9 Serial GNSS Corrections I/O 1x BNC PPS TTL Signal Input 1x RS232 DB9 Serial Time Input Connector (ZDA)
Dimensions (L x W x H)	278mm x 170mm x 90mm (10.94" x 6.69" x 3.54")
Weight in Air	3kg (6.61lbs)

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