

NANO Gen Series 3D PSU

Unify Power, Communication and Synchronization

The newest generation of power, control and data integration units designed specifically for the newest generation of sonars.

The *NANO Gen Series 3D PSU* is the newest generation of power, control and data integration units designed specifically for the Echoscope PIPE *NANO Gen Series*®. The *NANO Gen Series 3D PSU* supports the use Echoscope PIPE *NANO Gen Series*® and our latest Integrated Pan and Tilt device, the *NANO IPT*. Designed to effortlessly handle data and control both devices, the *NANO Gen Series 3D PSU* also allows both devices to be time synchronized to millisecond level accuracy for the duration of operations.

Easy-to-read LEDs on the power supply housing display the status of inputs, power usage, and synchronization status. Its web-based diagnostics and monitoring interface enable simple online control of all connected devices, including power usage. Moreover, it is fully supported in all Coda Octopus software, including 4G USE®, and Construction Monitoring Solution (CMS). With the flexibility to be mounted on walls for permanent setups or used on any available vessel, the *NANO Gen Series 3D PSU* offers both AC and DC power options, making it an ideal choice for deploying Echoscope PIPE *NANO Gen Series*® on any vessel or surface platform.



Some of the innovative *NANO Gen Series 3D PSU* features available are:



Quick and Easy

Setup with full support in all Coda Octopus Software



Web Based App

Built-in Diagnostics, Monitoring and Configuration



MOTION Support

Support for both F280® and F280 Models



Synchronization

Synchronizes Echoscope PIPE® or Rotator to external time source with 1ms accuracy



4G USE® Support

Full Support for the 4G USE® Software

Power Input	100 - 200 VAC Input
Power Output	48 V DC
Data Input/Output	RJ45 Ethernet GB/s Ports for PC 48 V DC and Ethernet to Echoscope PIPE NANO Gen Series® BNC PPS TTL Signal Input RS232 DB9 Serial Time Input Connector (ZDA) AC Power In (100 - 240 VAC)
Dimensions (L x W x H)	229 mm x 133 mm x 98 mm (9.02" x 5.24" x 3.54")
Weight in Air	2.2kg (4.85lbs)
Storage Temperature	-20°C - 60°C (non-condensing)
Operating Temperature	0°C - 40°C

