

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

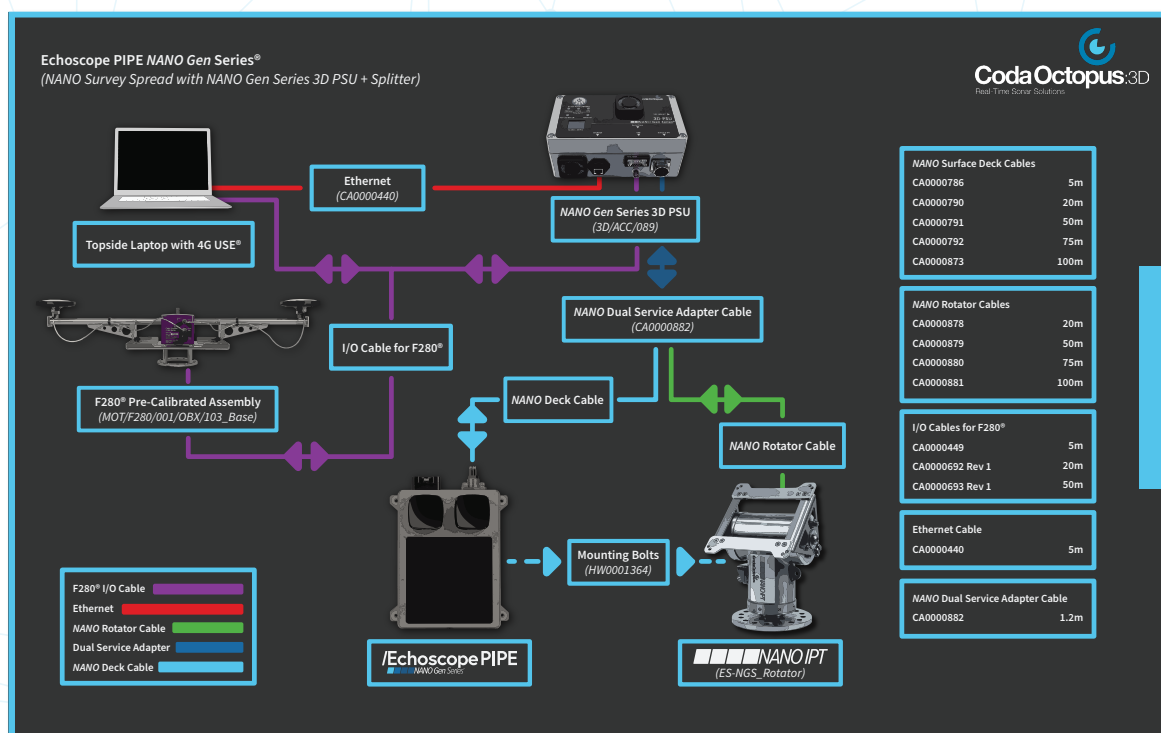
Synchronizes Echoscope PIPE® or Rotator to external time source with 1ms accuracy



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



Echoscope®, Echoscope4G®, Echoscope PIPE®, Echoscope® Ping Pong, Echoscope® 5D, Echoscope® 6D, Ping-Pong Sonar®, Ping-Pong Echoscope®, Echoscope PIPE Nano Gen Series®, 4G USE®, CodaOctopus®, F180 Series®, F280 Series® (Reg, Us Pat & TM off) are trademarks of Coda Octopus. The information in this publication was correct when it was published but 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.

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