

SVS-603HR WAVE SENSOR MOUNT

INSTALLATION INSTRUCTIONS



Figure 1: NexSens SVS-603HR Wave Sensor Enclosure.

Overview

The SVS-603HR Wave Sensor is an augmented version of the highly accurate SVS-603 wave sensor that reports heading, wave height, wave period and wave direction via RS-232 or logs to its on-board data logger. The NexSens SVS-603HR wave sensor enclosure provides a waterproof housing that can plug directly into a CB-Series Data Buoy.

What's Included

- (2) 1/4-20 x 3/8" Socket head cap bolts
- (1) 3/8-16 x 1/2" Hex head cap bolt
- (1) 3/8" 316 Stainless steel lock washer
- (1) Sensor mounting adapter
- Wave sensor enclosure w/ SVS-603HR sensor

Instrument Cage Installation

- 1 Align the center opening of the sensor mount with the threaded hole in the center of the buoy plate.

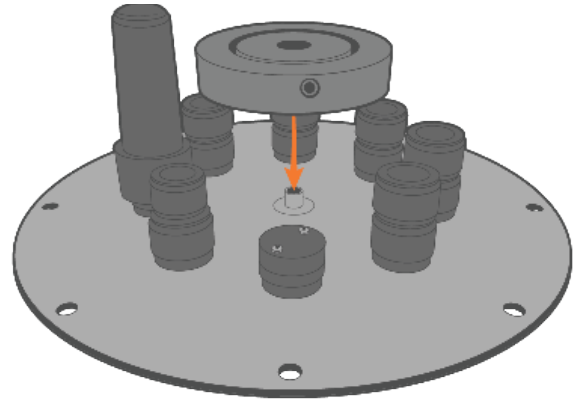


Figure 2: Install the sensor mount.

- 2 Place a lock-washer on the included hex head bolt and tighten the bolt into the threaded hole using a 9/16" socket or wrench.

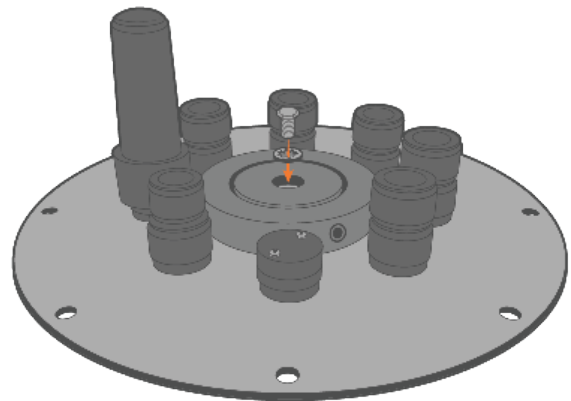


Figure 3: Secure the sensor mount on top of the buoy plate.

- 3 Place the wave sensor housing on top of the sensor mount.
 - a. Align the outside holes with the threaded openings on the sensor mount.

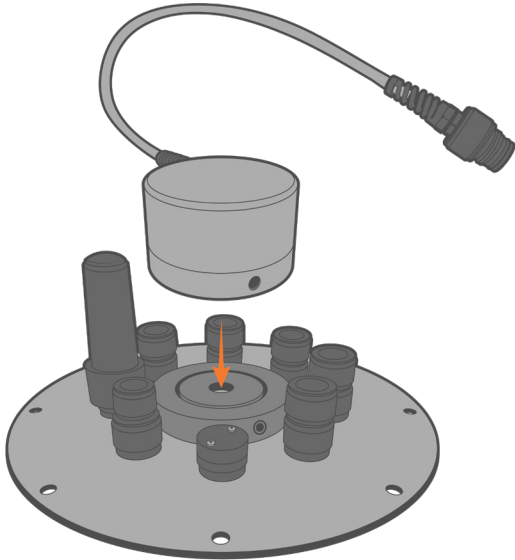


Figure 4: Place the sensor housing on the mount.

- 4 Insert the (2) included socket head cap bolts into the openings on the side of the housing.
 - a. Use a 3/16" hex driver to tighten the bolts and secure the housing.
 - b. Plug in the sensor into any open port following information provided by NexSens or the included X2 data logger information.

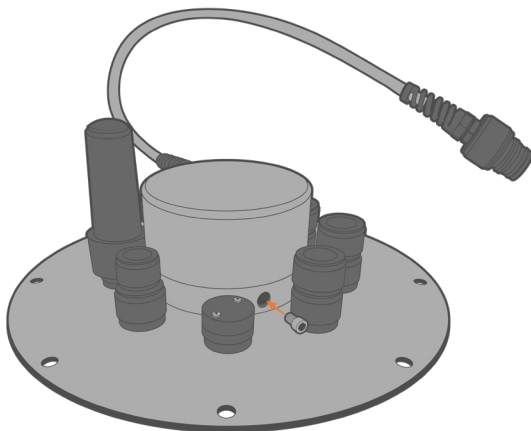


Figure 5: Secure the wave sensor and housing.