

# GPS sync unit

## GPS module and accessories



### Provides Tsunami 8200-G and 820 with the 1 PPS signal needed for WORP sync

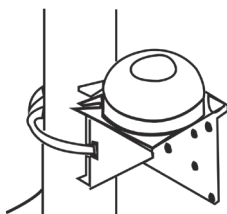
GPS sync unit includes all parts needed to provide Tsunami 8200-G and 820 with the one pulse per second (1 PPS) signal needed to synchronize multiple Tsunami devices running WORP sync.

#### GPS module

- Garmin GPS16xHVS module
- Provided with mounting kit and hose clamp

#### Specification

<b>DIAMETER</b>	91 mm (3.58 in.)
<b>High</b>	42 mm (1.65 in.)
<b>Weight</b>	174 g (6.1 oz.)
<b>Mounting mast diameter</b>	5 to 12.7 cm (2 to 5 in.)
<b>Cable length</b>	5 m (16.4 ft.)
<b>Connector</b>	RJ45 jack
<b>Input voltage</b>	8 to 40 VDC
<b>Input current</b>	100 mA @ 8 VDC 65 mA @ 12 VDC 28 mA @ 40 VDC
<b>Waterproofing</b>	IP X7
<b>Temperature</b>	-30 to +80 °C (-22 to +176°F)
<b>GPS sensitivity</b>	-185 dBW minimum
<b>Acquisition times</b>	1 second (hot) 45 seconds (cold)
<b>PPS accuracy</b>	± 1 microsecond



#### RJ45 to RJ11 dongle

- Provides connectivity between GPS module RJ45 jack and Tsunami 8200-G or 820 RJ11 accessory port

#### Specification

<b>Cable length</b>	45 cm (17.7 in.)
<b>Connectors</b>	RJ45 plug RJ11 jack



#### IP 67 weather proofing kit

- Ensure proper weather proofing of GPS module connection with RJ45 to RJ11 dongle
- Provided with hose clamp

#### Specification

<b>Diameter</b>	3.8 cm (1.5 in.)
<b>Length</b>	13 cm (5.1 in.)
<b>Waterproofing</b>	IP 67
<b>Mounting mast diameter</b>	5 to 12.7 cm (2 to 5 in.)

