

# PING SONAR ALTIMETER AND ECHOSOUNDER

SKU: BR-SON-PSAE

The Ping sonar is a single beam echosounder that measures distances up to 50 meters underwater. This sensor enables a new control mode called "Auto-Altitude", which allows you to keep a constant distance to the seabed even if the water depth is changing while you move around.

**Supplier:** Blue Robotics



## TECHNICAL SPECIFICATIONS

### Acoustics

<b>Frequency</b>	115 kHz
<b>Beamwidth</b>	30 degrees
<b>Minimum Range</b>	0.5 m
<b>Typical Usable Range</b>	50 m
<b>Absolute Maximum Range (firmware limit)</b>	70 m
<b>Range Resolution</b>	0.5% of range
<b>Range Resolution at 50m</b>	25 cm
<b>Range Resolution at 2m</b>	1 cm

### Physical

<b>Pressure Rating</b>	300 m
<b>Temperature Range</b>	0-30°C
<b>Weight in Air (w/ cable)</b>	133 g
<b>Weight in Water (w/ cable)</b>	55 g