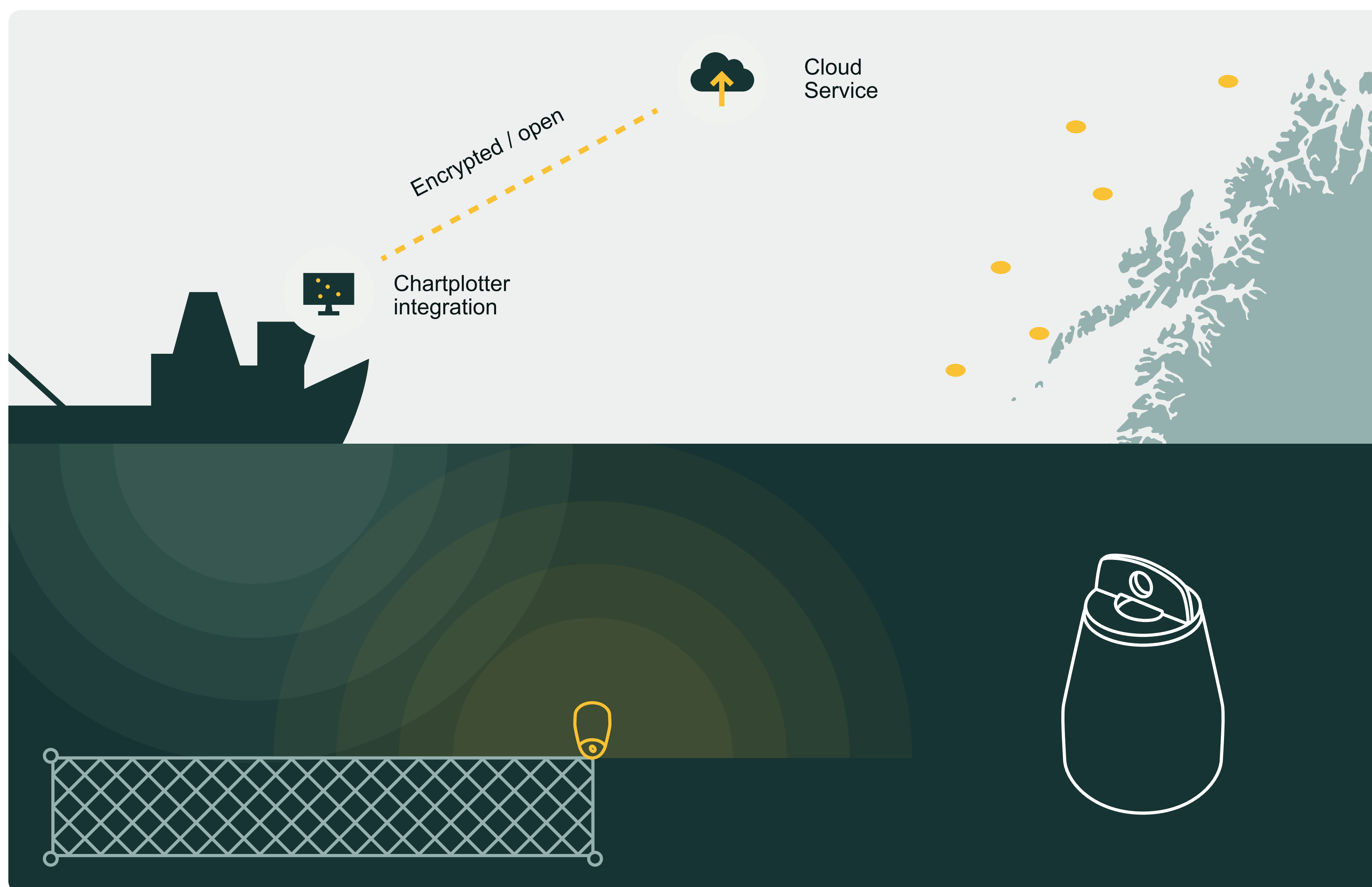


# PingMe - Datasheet

**PingMe** is a hydroacoustic sensor that provides real-time information about fishing gear and other underwater equipment's position and depth, as well as the surrounding temperature.

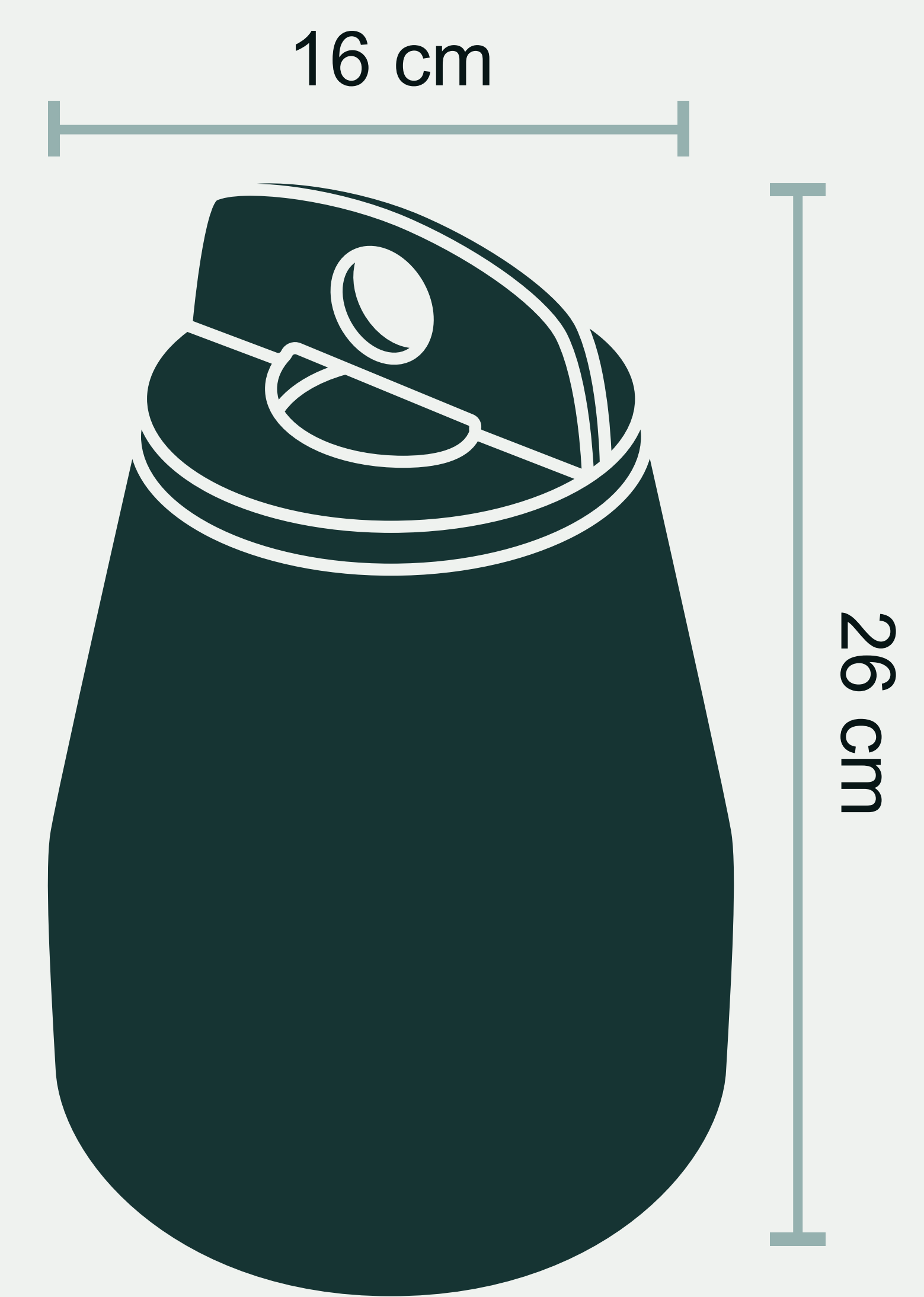
## FUNCTIONALITY:

- Monitor the position and depth of fishing gear and other equipment, both during active use and if lost
- Ambient temperature
- Real-time data
- Historical data



The PingMe system consists of several vessel-mounted components and one or more subsea units:

<b>Topside – fixed installation</b> <ul style="list-style-type: none"> <li>• Mounted on ship hull</li> <li>• Mounted on land – typically a pier</li> </ul>	<ol style="list-style-type: none"> <li>PingMe receiver: <ul style="list-style-type: none"> <li>• 2 x PingMe transducers</li> <li>• 2 x PingMe amplifiers</li> <li>• 1 x PingMe tranceiver cabinet</li> </ul> </li> <li>PingMe battery charger</li> <li>PingMe computer: <ul style="list-style-type: none"> <li>• Processing software</li> <li>• Graphical user interface</li> <li>• Integration with cloud solution</li> </ul> </li> </ol>
<b>Topside – portable deck unit</b>	<ol style="list-style-type: none"> <li>PingMe receiver: <ul style="list-style-type: none"> <li>• 1 x PingMe transducer</li> <li>• 1 x PingMe amplifier</li> </ul> </li> <li>Paravan</li> <li>GPS antenna</li> <li>PingMe battery charger</li> <li>PingMe computer: <ul style="list-style-type: none"> <li>• Processing software</li> <li>• Graphical user interface</li> <li>• Integration with cloud solution</li> </ul> </li> </ol>
<b>Underwater units</b>	PingMe sensor units



### Weight

2.6 kg (in air)

### Buoyancy

800 g

### Transmission frequency

50 kHz

### Bandwidth / pulse length

10 kHz / 45 ms

### Horizontal range

Up to 2000 m depending on sea conditions

### Depth rating

1000 m

### Position accuracy

± 5 m\*

\*Higher accuracy can be achieved with alternative setup

### Temperature accuracy

± 0.15 °C

### Depth accuracy

± 0.15% of depth

### Operational temperature

-20 to +45 °C

### Storage temperature

-20 to +60 °C

### Charging temperature

+5 to +40 °C

### Battery capacity when fully charged and at sleep

Up to 1 year

### Battery capacity when fully charged and in active fishing

Up to 60 days

### Noise tolerance from motor

7-8 knots, depending on vessel characteristics