

RESON 7125 , SV2 - Multibeam



Dimension

- Height: 137mm approx. (5.4in approx.)
- Width: 496mm approx. (19-3/4in approx.)
- Depth: 280mm approx. (11in approx.)
- Weight in air: 15.2 kg (33.5 lbs approx.)
- Weight in water: 9.1 kg (20 lbs approx.)

Specifications:

- Power requirement: 110-220 VAC, 50/60Hz, 250W
- Transducer cable length: 25m
- System depth rating: 25m
- Frequency: 200kHz or 400 kHz (dual frequency available)
- Along track transmit beamwidth: 2° at 200kHz and 1° at 400 kHz
- Across track receive beamwidth: 1° at 200kHz and 0.5° at 400 kHz
- Max pin rate: 50 Hz (± 1 Hz)
- Pulse length: 30 μ s-300 μ s Continuous wave; 300 μ s-20ms Frequency Modulated (X-Range)
- Number of beams: 512EA/ED at 400kHz, 256EA-ED at 200kHz
- Max swath angle: 140° (Equi-Distant Mode) 165° (Equi-Angle Mode)
- Typical depth: 0.5m to 150m at 400kHz, 0.5m to 400m at 200kHz
- Max depth: 175 at 400kHz, 450m at 200kHz
- Depth resolution: 6mm
- Data output: Bathymetry, sidescan and snippets 7K data format
- Temperature: -2°C to +35°C
- Flexmode: Optional