

# WIDE BEAM **TRANSDUCERS**



## CHIRP 275 W SERIES

### OUR BEST JUST GOT BETTER

Get more coverage under the boat with Airmar's new wide beam CHIRP product line. Offering a high frequency range of 150-250kHz and a constant 25 degree beamwidth, these transducers are truly broadband at it's best. In addition to improving the performance of CHIRP-ready echosounders, anglers using the new wide beam transducers will achieve twice the coverage under the boat compared to our current high frequency CHIRP transducers.

A unique property of the new high frequency transducers is that the beamwidth is a constant 25 degree angle across the entire frequency band. Traditionally, high frequency transducers have narrow beamwidths that change with frequency. Now, in addition to providing vast bottom coverage and precise fish detection in the upper water column that can sometimes go unseen with current narrow beam transducers, Airmar's new wide beam format also creates crisper and larger return images on the display.

**We've got you covered.**

### Features

- Ideal for marking baitfish and game fish in shallow to mid-water depths of 300ft - 600ft
- Depth & fast-response water-temperature sensor
- Low—CHIRPS from 42 kHz to 65 kHz 25° to 16° beamwidth
- High—CHIRPS from 150 kHz to 250 kHz 25° constant beamwidth
- 123 kHz of total bandwidth from one transducer
- Covers popular fishing frequencies of 50 and 200 kHz plus everything else in the bandwidth
- Boat Size: 8 m (25') and above
- Hull Type: Fiberglass or wood
- Available in many housing options:
  - Pocket/Keel Mount – PM275LH-W
  - Tank Mount – CM275LH-W
  - Thru Hull – B275LH-W
  - Transom Mount – TM275LH-W
  - Tilted Element – B175-W – 0°, 12° and 20°

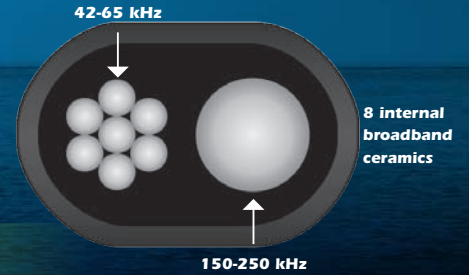


*Sensing Technology*

**AIRMAR®...IT'S WHAT'S UNDER YOUR BOAT.**

[www.airmar.com](http://www.airmar.com)

# WIDE BEAM TRANSDUCERS



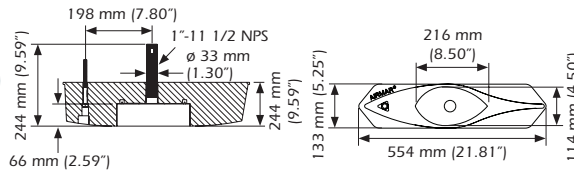
8 internal  
broadband  
ceramics

## TECHNICAL INFORMATION

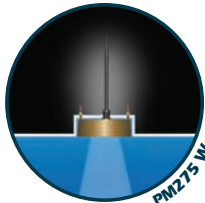
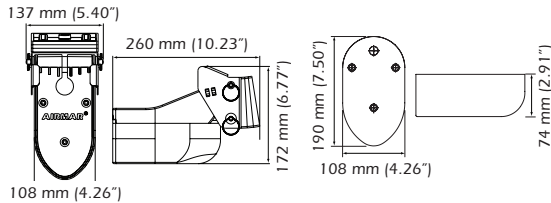
### DIMENSIONS AND INSTALLATIONS



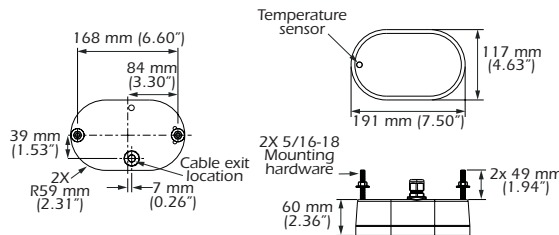
B275 W



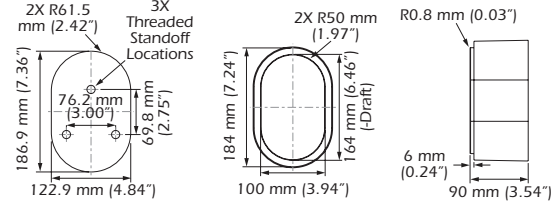
TM275 W



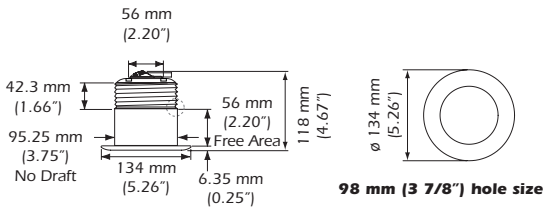
PM275 W



CM275 W



B175 W



### Improved Beamwidth

Current CHIRP transducers have a narrow beamwidth ranging from 10° to 4° on the high frequency band. The beamwidth of the new wide beam CHIRP transducers is a constant 25° across the entire frequency band—ultimately delivering more than **2x the coverage under the boat** than other CHIRP models!

Transducer/ Beamwidth*	Depth	Coverage
<b>B265LH/ 10° to 6°</b>		
	50 ft	9 ft
	100 ft	17 ft
	300 ft	52 ft
<b>R109LH/ 8° to 4°</b>		
	50 ft	7 ft
	100 ft	14 ft
	300 ft	42 ft
<b>R509LH/ 8° to 4°</b>		
	50 ft	7 ft
	100 ft	14 ft
	300 ft	42 ft
<b>B275LH/ 25°</b>		
	50 ft	<b>22 ft</b>
	100 ft	<b>44 ft</b>
	300 ft	<b>133 ft</b>

\*High frequency beamwidth only

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