

# Intellian® i6W/ i9W

**Multi-band and Multi-polarization  
Marine Satellite TV Antenna Systems**

## Intellian® w-Series

is the world's first satellite TV antenna solution that receives multi-band and multi-polarization satellite TV services with ONE LNB module.

Intellian exclusive WorldView™ LNB module is designed and manufactured by Intellian's in-house engineering, which offers seamless switching between circular polarized programming in North, Central and South Americas, and linear polarized programming using Universal Quad LNB in Europe, Middle East, and the Asia Pacific with its built-in auto skew-angle control system.

The i6W and i9W are the recreational 2-axis models of the new line. Now you can enjoy satellite TV services around the world without manually changing the LNB unit inside the antenna dome each time the vessel crosses into a different satellite service region.



## Technical Specification

Product Model	i6W	i9W
<b>Radome &amp; Antenna</b>		
Radome (DxH)	70 cm x 72 cm	108 cm x 110cm
	27.6" x 28.3"	43.3" x 42.5"
Dish Diameter	60cm / 23.6"	85 cm / 33.5"
Weight	24kg /53 lbs	57kg /126 lbs
<b>Reception Frequency</b>		
	Low Band	High Band
Americas (Circular)	11.45~ 12.2 GHz	12.2~12.75GHz
	L/O : 10.5 GHz	L/O : 11.25 GHz
Universal Quad (Linear)	10.7~11.70 GHz	11.7~12.75 GHz
	L/O : 9.75 GHz	L/O : 10.6 GHz
<b>Antenna Reflector/ Feed Assembly</b>		
Polarization	Vertical/ Horizontal or RHCP/ LHCP	
Skew Control	Automatic Skew-angle Control	
Minimum EIRP	47 dBW	44 dBW
Azimuth Range	680° (Limited)	
Elevation Range	+5° to +90°	-15° to +90°
Ship's Motion	Roll +/- 25°, Pitch +/- 15°	
Roll & Pitch Response Rate	45° / Second	30° / Second
Turn Rate	45° / Second	30° / Second
RF Output	Quad Output	
<b>Rack Mount Antenna Control Unit</b>		
Dimension (WxDxH)	7.0 in x 8.5 in x 2.1 in ( 17.8cm x 21.7cm x 5.4cm )	
Weight	2.6 lbs ( 1.2kg )	
Display	2 Line 20 Character VFD Module	
Control Key	5 Integrated Push Buttons	
Power Input	DC 9~ 30 V ( Typ. 30W, Max. 50W )	
GPS Interface	Built-in (NMEA0183 GPS)	

**Intellian  
Technologies®**  
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For more info, visit [intelliantech.com](http://intelliantech.com)

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