

# OCEAN TV

## Marine Satellite TV Antennas

### Antenna Comparison Table

The Six Major Brands in the Australian Market Compared.

With the number of brands and models of Marine Satellite TV Antennas on the Australian Market it is difficult for the average consumer to understand what is the differences and features of each model.

The following table compares the features and retail pricing of each product, so the Boat Owner or Dealer/Installer can make an informed opinion of what suits their individual needs.

The table was compiled by the MR Marine Group from data that is available from Australian Websites.



**OCEAN TV**  
New HD Series

**K|V|H**  
TRACVISION

**KNS**

**Raymarine**  
BY FLIR

**Intellian**

**TrackSAT**

## OCEAN TV Comparison 37cm Antennas

Model	<b>OCEAN TV O37HD</b> No Longer Available	<b>KVH TV3</b>	<b>KNS K4</b> (TrackSat) <sup>5</sup>	<b>Raymarine STV37</b> (Intellian) <sup>5</sup>	<b>Features</b>
Price (RRP)	\$3375.00	\$3995.00	\$3300.00/\$3699.00	\$6499.00	✓
Antenna Type	Parabola	Parabola	Parabola	Parabola	✓
Dish Diameter	370mm	370mm	390mm	370mm	✓
Dome Size W x H cm	43 x 48 (8kg)	40 x 45 (9.1kg)	47 x 50 (9kg)	43 x 53 (9kg)	✓
Silent <i>ActiveTrac</i> <sup>4</sup>	YES	NO	NO	NO	✓
Silent Operation	YES	NO	YES	NO	✓
Minimum EIRP	49dBW	50dBW	50dBW	50dBW	✓
Stabilisation	2 Axis <sup>1</sup>	2 Axis	3 Axis	2 Axis	
Elevation Range	0° to 90°	10° to 80°	10° to 85°	0° to 90°	✓
Azimuth Range	680°	720°	690°	680°	
GPS	24 Ch GPS	NO	YES	YES	✓
AutoSkew LNB	NO <sup>1</sup>	NO	YES	NO	✓
Power Usage on 12vdc	6 watts	42 watts	25w on 24v	30watts	✓
Multiple LNB Outputs	(4) QUAD LNB	(2) Dual LNB	(4) Quad LNB	(2) Dual LNB	✓
HD-IQ Compatible	YES <sup>2</sup>	YES <sup>3</sup>	YES <sup>2</sup>	YES <sup>3</sup>	✓
VAST Compatible	YES <sup>2</sup>	YES <sup>3</sup>	YES <sup>2</sup>	YES <sup>3</sup>	✓
AUS Spec LNB	YES (Australia 10.7LO)	NO	NO	NO	✓
Internal Powder Coating	YES	NO	NO	NO	✓
12-15v DC	YES	YES	Only 24VDC	YES	✓
110-240v AC	YES	NO	NO	NO	✓
Multi Mount ACU	YES	NO	NO	NO	✓
Mounting Hardware	YES (Stainless)	YES	YES	YES	✓
Plug and Play	YES	NO	NO	NO	✓
World Satellite Library	YES	YES	Limited	Limited	✓

1. Auto Skew not fitted to O37HD, due to extra low power usage of only 6watts. Unnecessary in O37HD Region
2. Can run both PAY TV (IQ) and VAST at the same time.
3. Require further hardware to be able to run Pay TV (IQ) and VAST at the same time
4. ActiveTrac is a Ocean TV Exclusive, giving low power usage and silent operation
5. TrackSat is a rebadged KNS Model, Raymarine is manufactured by Intellian

## OCEAN TV Comparison 45cm Antennas

Model	<b>OCEAN TV O45HD</b>	<b>KVH TV5</b>	<b>KNS K5</b> (TrackSat) <sup>4</sup>	<b>Raymarine STV45</b> (Intellian) <sup>4</sup>	<b>Features</b>
Price (RRP)	\$3475.00	\$5995.00	\$4799.00	\$7499.00	✓
Antenna Type	Parabola	Parabola	Parabola	Parabola	✓
Dish Diameter	450mm	450mm	450mm	450mm	✓
Dome Size W x H cm	52 x 55 (11kg)	49 x 53 (11.3kg)	51 x 53 (11.5kg)	50 x 54 (11.6kg)	✓
Silent <i>ActiveTrac</i> <sup>3</sup>	YES	NO	NO	NO	✓
Silent Operation	YES	NO	YES	NO	✓
Minimum EIRP	48dBW	48dBW	48dBW	48dBW	✓
Stabilisation	3 Axis	2 Axis	3 Axis	2 Axis	✓
Elevation Range	0° to 90°	10° to 80°	10° to 85°	5° to 90°	✓
Azimuth Range	680°	720°	690°	680°	
GPS	48 Ch GPS/GLONASS	NO	YES	YES	✓
AutoSkew LNB	YES (-90°~+90°)	NO	YES	NO	✓
Power Usage on 12vdc	15 watts	53 watts	25w on 24v	40watts	✓
Multiple LNB Outputs	(4) QUAD LNB	(2) Dual LNB	(4) Quad LNB	(4) Quad LNB	✓
HD-IQ Compatible	YES <sup>1</sup>	YES <sup>2</sup>	YES <sup>1</sup>	YES <sup>1</sup>	✓
VAST Compatible	YES <sup>1</sup>	YES <sup>2</sup>	YES <sup>1</sup>	YES <sup>1</sup>	✓
AUS Spec LNB	YES (Australia 10.7LO)	NO	NO	NO	✓
Internal Powder Coating	YES	NO	NO	NO	✓
9v-30v DC	YES	Yes (10v-30vdc)	Only 24vDC	YES	✓
110-240v AC	YES	NO	NO	NO	✓
Remote Mount ACU	YES	NO	NO	NO	✓
Mounting Hardware	YES (Stainless)	YES	YES	YES	✓
Plug and Play	YES	NO	NO	NO	✓
World Satellite Library	YES	YES	Limited	Limited	✓

1. Can run both PAY TV (IQ) and VAST at the same time.
2. Require further hardware to be able to run Pay TV (IQ) and VAST at the same time
3. ActiveTrac is a Ocean TV Exclusive, giving low power usage and silent operation
4. TrackSat is a rebadged KNS Model, Raymarine is manufactured by Intellian

## OCEAN TV Comparison 60cm Antennas

Model	<b>OCEAN TV O60HD</b>	<b>KVH TV6</b>	<b>KNS K7</b> (TrackSat) <sup>4</sup>	<b>Raymarine STV60</b> (Intellian i60) <sup>4</sup>	<b>Features</b>
Price (RRP)	\$4675.00	\$8995.00	\$7499.00	\$11499.00	✓
Antenna Type	Parabola	Parabola	Parabola	Parabola	✓
Dish Diameter	600mm	610mm	600mm	600mm	✓
Dome Size W x H cm	69 x 70 (11kg)	67 x 70 (24.2kg)	67 x 69 (20.6kg)	50 x 54 (11.6kg)	✓
Silent <i>ActiveTrac</i> <sup>3</sup>	YES	NO	NO	NO	✓
Silent Operation	YES	NO	YES	NO	✓
Minimum EIRP	46dBW	46dBW	46dBW	47dBW	✓
Stabilisation	3 Axis	3 Axis	3 Axis	3 Axis	✓
Elevation Range	0° to 90°	10° to 80°	10° to 85°	5° to 90°	✓
Azimuth Range	680°	720°	690°	680°	
GPS	48 Ch GPS/GLONASS	NO	YES	YES	✓
AutoSkew LNB	YES (-90°~+90°)	YES	YES	YES	✓
Power Usage on 12vdc	15 watts	53 watts	25w on 24v	40watts	✓
Multiple LNB Outputs	(4) QUAD LNB	(2) Dual LNB	(4) Quad LNB	(4) Quad LNB	✓
HD-IQ Compatible	YES <sup>1</sup>	YES <sup>2</sup>	YES <sup>1</sup>	YES <sup>1</sup>	✓
VAST Compatible	YES <sup>1</sup>	YES <sup>2</sup>	YES <sup>1</sup>	YES <sup>1</sup>	✓
AUS Spec LNB	YES (Australia 10.7LO)	NO	NO	NO	✓
Internal Powder Coating	YES	NO	NO	NO	✓
9v-30v DC	YES	Yes (10v-30vdc)	Only 24vDC	YES	✓
110-240v AC	YES	NO	NO	NO	✓
Remote Mount ACU	YES	NO	NO	NO	✓
Mounting Hardware	YES (Stainless)	YES	YES	YES	✓
Plug and Play	YES	NO	NO	NO	✓
World Satellite Library	YES	YES	Limited	Limited	✓

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