

TURN ON THE TV

Every time you step on board your boat, it's prime time. Make the most of it with Intellian. There's nothing like watching a movie with the kids after an exciting day on the water, or cheering on the home team after chasing gamefish all day. Intellian antenna systems are easy to install and use, and perform reliably in all sea conditions. When you want to turn on the TV, turn to Intellian



Tune In to Your World of News, Sports and Entertainment



PERFORMANCE YOU CAN'T GET FROM ANY OTHER ANTENNA

Intellian makes the world's most versatile 2-axis marine satellite TV antennas. Ranging in size from 13 to 24 inches, these antennas provide reliable TV reception for boats as small as 20 feet and all the way up to the most luxurious yachts. More importantly, only Intellian offers exclusive – and patented – technologies that make watching TV on board easier and more enjoyable than you ever imagined.

ALL NEW ACU NEW & IMPROVED

Our new ACU is upgraded with the addition of built in Wi-Fi, which enables connectivity to the Aptus App for simple system control and monitoring, including One -Touch satellite library and firmware updates.



Aptus
The world's first remotely upgradable Sat TV systems

iQ² Technology

All of Intellian's satellite TV systems feature our unique iQ² Technology, enabling your system to find the satellite signal **quicker** and more **quietly**. iQ² is comprised of two patented technologies:

WRS[®] Wide Range Search

It's not easy finding a satellite that's 22,000 miles away, but thanks to our advanced WRS[®] programming, an Intellian antenna will search over a wider range and lock on to a signal in seconds – four or five times **quicker** than other products.

DBT[®] Dynamic Beam Tilting

Holding on to that signal while underway or when the boat moves is another reason to choose Intellian. DBT[®] uses intelligent, real time beam analysis to eliminate signal skips, pixilation, and loss of service. This technology also reduces motor use by 80% over conventional antennas, enabling **quieter** enjoyment of your favorite programming.

HDTV Reception

Every Intellian TVRO antenna system is capable of receiving Standard (SD) and High Definition (HD) programming where available on Ku-band. The s6HD antenna can also be used for DIRECTV HD and the s100HD can support global operation with the WorldView™ Trio LNB with any TV service provider.

International Options

Intellian offers several options for vessels that travel in international waters. The All Americas LNB processes signals from all North and South American satellite services. The WorldView™ LNB handles signals so you can enjoy programming from any satellite TV provider without the hassle of manually switching hardware. All Intellian t-Series antennas are now supplied with a WorldView™ LNB as standard, making them truly global systems.

i-Series



The most versatile Ku-band satellite antenna family in the industry



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
13" (33cm)	9.5lbs (4.5kg)	Dual: Circular / Linear	+10° to +80°	51dBW



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
14.6" (37cm)	19.8lbs (9kg)	Dual: Circular / Linear	+10° to +80°	50dBW



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
17.7" (45cm)	25.5lbs (11.6kg)	Dual / Quad: Circular / Linear	0° to +90°	48dBW

Intellian i2

Despite its compact size, the i2 delivers exceptional TV reception. With its extended elevation range of 10° to 80°, the i2 is designed to find and hold satellite signal, even in extreme latitudes. You'll enjoy navigating even further North or South without worry of reception loss.



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
21" (53.5cm)	38lbs (17.3kg)	Dual / Quad: Circular / Linear	0° to +90°	47dBW



Model	Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
i6 / i6P	23.6" (60cm)	i6: 44lbs (20kg) i6P: 49lbs (22kg)	Dual / Quad: Circular / Linear	+5° to +90°	46dBW
i6PE	23.6" (60cm)	44lbs (20kg)	Circular / Linear	-15° to +90°	46dBW



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
34" (85 cm)	121.2 lbs (55 kg)	Quad: Circular / Linear	-15° to +90°	44 dBW

Intellian i5

The i5 21" (53cm) satellite TV system is the world's first marine satellite antenna system purpose-built for offshore cruising vessels 35ft (12m) to 60ft (18m) in length. With performance similar to most 24" (60cm) systems, the i5 delivers quality signal reception throughout many of the world's popular cruising destinations, including the Bahamas, Caribbean and Mexico. This small, efficient form factor that matches the aesthetic of vessels in this size class, also comes standard equipped with Intellian's All-Americas LNB for easy cruising throughout North, Central, and South America.

Also available: **i5P** (with Automatic Skew Control)

Intellian i6

Intellian's best-selling system, the i6, is recognized for its commercial-grade build and exceptionally strong signal gain. Great for worldwide satellite coverage, the i6 is ideal for commercial vessels and yachts over 70 feet.

Also available: **i6P** (with Automatic Skew Control), **i6PE** (with Automatic Skew Control and Extended Elevation Range)

Intellian i9P

With powerful and reliable satellite TV reception, this antenna is designed for service aboard the world's megayachts and commercial vessels over 80 feet.

t-Series

3-axis stabilization for unrivaled satellite performance at sea

t-Series WorldView™ Systems

Designed for larger offshore vessels, megayachts and commercial ships, Intellian's t-Series family of WorldView™ antennas feature groundbreaking 3-axis marine stabilized design that makes it well suited for all oceanic regions throughout the world.

All t-Series WorldView™ satellite TV antennas provide an outstanding coverage range that outperforms other systems in its class. Key features include a wide elevation range and high signal Gain, as well as Intellian's patented WRS[®] and DBT[®] technologies, providing users with the best reception possible even when traveling in regions notorious for difficult reception (such as near the equator or in far northern and southern seas). Intellian's ACU is equipped with a preloaded Global satellite library and a fail-safe back-up.

t-Series Features

DVB-S2 decode capability – making the t-Series TVRO systems capable of receiving next generation DVB-S2 satellite TV services where they are available

Intellian's iQ² technology uses real time intelligent beam analysis to deliver quicker signal lock, superior tracking, and quieter, more efficient operation

Intellian WorldView™ LNB enables reception of multi-band and multi polarization satellite TV services around the globe, creating a highly efficient, fully automated 3-axis stabilized platform

Embedded Quattro Switching Module, which intelligently distributes different tone signals to the correct ports on any legacy multi switches installed throughout the ship

Proven mechanical design of the highest simplicity and reliability

Easy installation and maintenance with fewer cables and accessories

Wide elevation range

Automatic LNB polarization-angle control system

Wi-Fi ACU for easy monitoring and control from anywhere onboard

Compatible with all major TV services around the globe

19-inch rack-mount type ACU (Antenna Control Unit)

Built-in global satellite library

Built-in GPS, NMEA 2000 and NMEA 0183 interface

Built-in heading interface



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
34" (85cm)	179.2 lbs (81kg)	Quad: Circular / Linear	-15° to +110°	44dBW



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
42" (1.05m)	198 lbs (90kg)	Quad: Circular / Linear	-15° to +120°	42dBW



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Minimum EIRP
50" (1.25m)	256 lbs (116kg)	Quad: Circular / Linear	-15° to +120°	40dBW

Intellian t80W

With its 34" (85cm) reflector and 3-axis stabilization system, the t80W delivers Ku-band reception around the globe, in all kinds of sea and weather conditions. Incorporating Intellian's exclusive WRS[®] and DBT[®] technologies, the t80W will quickly locate and track signals from any of the world's TV satellite providers.

Also available: **t80Q option** (Quad LNB model)

Intellian t110W/t100W

With the 42" (1.05m) reflector, Intellian's t110W/t100W provides optimum signal reception, and the t100W matches the design of the GX100/v100 VSAT systems for a matched look onboard. Built-in proprietary and industry standard technology expand this systems functionality and performance.

Also available: **t110Q/t100Q** (Quad LNB model)

Intellian t130W

The t130W, with its larger antenna diameter of 50" (1.25m), exceptional coverage and fine tuning capabilities, is well suited for vessels that travel deep water and remote locations on a regular basis.

Also available: **t130Q** (Quad LNB model)

Worldwide Dealer and Support Network

Wherever you are and regardless of where our product was purchased, our support network is within your reach. Intellian's global presence includes over 300 dealers in 6 continents and 60 countries. Support is also available from our technical team online, through email or by phone.



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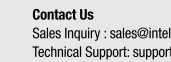
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Connect with the best

s100HD WorldView



Welcome to an Uninterrupted WorldView™
One Antenna to Watch It All
HDTV around the world in any language

s100HD WorldView Overview

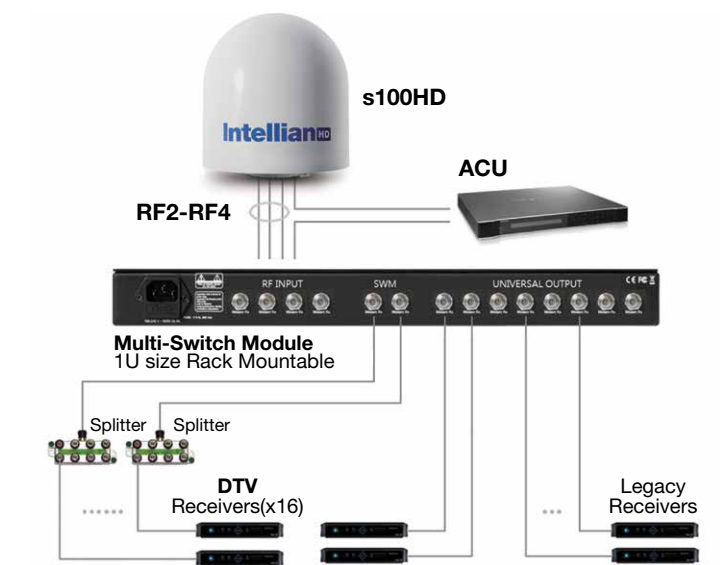
Welcome yacht owners, boat captains and passengers to Intellian's s100HD WorldView™, the most feature-packed marine antenna satellite system on the market today. The dual-band antenna system receives two Ka-band and one Ku-band satellite signals for DIRECTV® and using the Ku-band WorldView™ Trio LNB the system provides complete coverage wherever you are.

No matter your geographic location or the satellite signals used in the area, you'll always receive the strongest satellite TV signal for an uninterrupted WorldView™. Take a look inside the brochure for even more reasons why you'll love this feature-packed Intellian s100HD WorldView™ antenna system.

s100HD WorldView Features

- Simultaneous reception of DIRECTV Ka- and Ku-band for HD service in North America
- Intellian WorldView™ Trio LNB provides global coverage of Ku-band satellites
- Wi-Fi for easy monitoring and control from anywhere onboard
- Included Multi-Switch Module for up to 16 SWM type receivers out of the box
- DVB-S2 signal identification
- 3-axis stabilized system
- Global satellite library
- Aptus App for monitoring and control available for iPhone, iPad and Android devices
- Matching radomes with GX100 and v100 VSAT systems

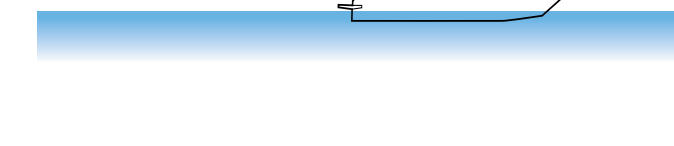
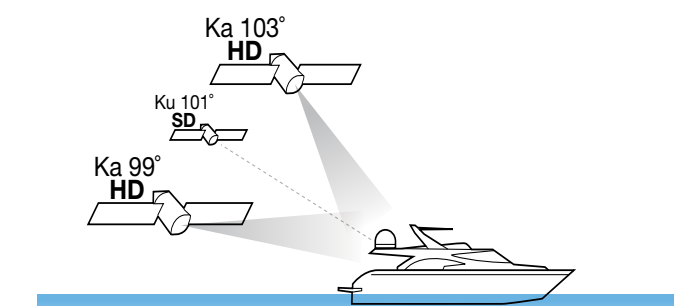
System Configuration



Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Reception Frequency
42.9" (109cm)	220 lbs (100kg)	Quad (Linear/Circular)	-15° to +120°	10.7 ~ 12.75 GHz, Ku-Band 18.3 ~ 18.8 / 19.7 ~ 20.2GHz, Ka-band

s80HD

America's Top Marine Satellite TV System
Watch All 3 Primary DIRECTV Satellites at Once



s80HD Overview



This 83cm reflector sized antenna provides wider coverage than s6HD with seamless reception of all 3 DIRECTV satellites channels. The multi-switch module which comes as standard allows you to connect various types of satellite receivers including up to 16 SWM receivers.

Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Reception Frequency
32.7" (83cm)	190 lbs (86.2kg)	Quad (Linear/Circular)	-15° to +110°	10.7 ~ 12.75 GHz, Ku-Band 18.3 ~ 18.8 / 19.7 ~ 20.2GHz, Ka-band

s6HD

s6HD Overview



The s6HD, with its unique triple feedhorn, is designed to receive Ku-band and Ka-band signals from all three DIRECTV satellites simultaneously. This provides continual access to all DIRECTV programming, including all standard and high-definition channels.

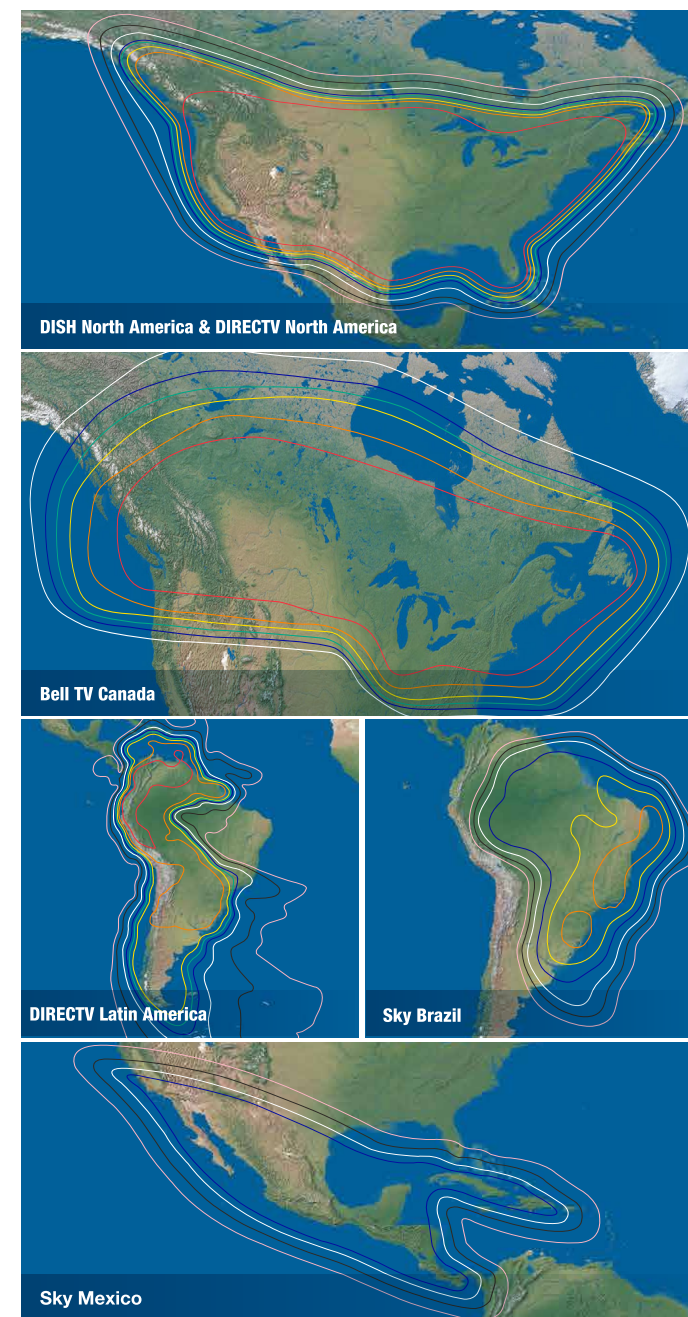
Because the antenna can process all three signals at the same time, you won't experience any delay when switching channels. Further, multiple television sets onboard will be able to tune in to any program, independent of what other sets might be watching.

Reflector Diameter	Antenna Weight	RF Outputs (LNB Polarization)	Elevation Range	Reception Frequency
24" (60 cm)	47.8 lbs (21.7 kg)	Quad (Circular)	+5° to +90°	10.7 ~ 12.75 GHz, Ku-Band 18 ~ 22 GHz, Ka-band

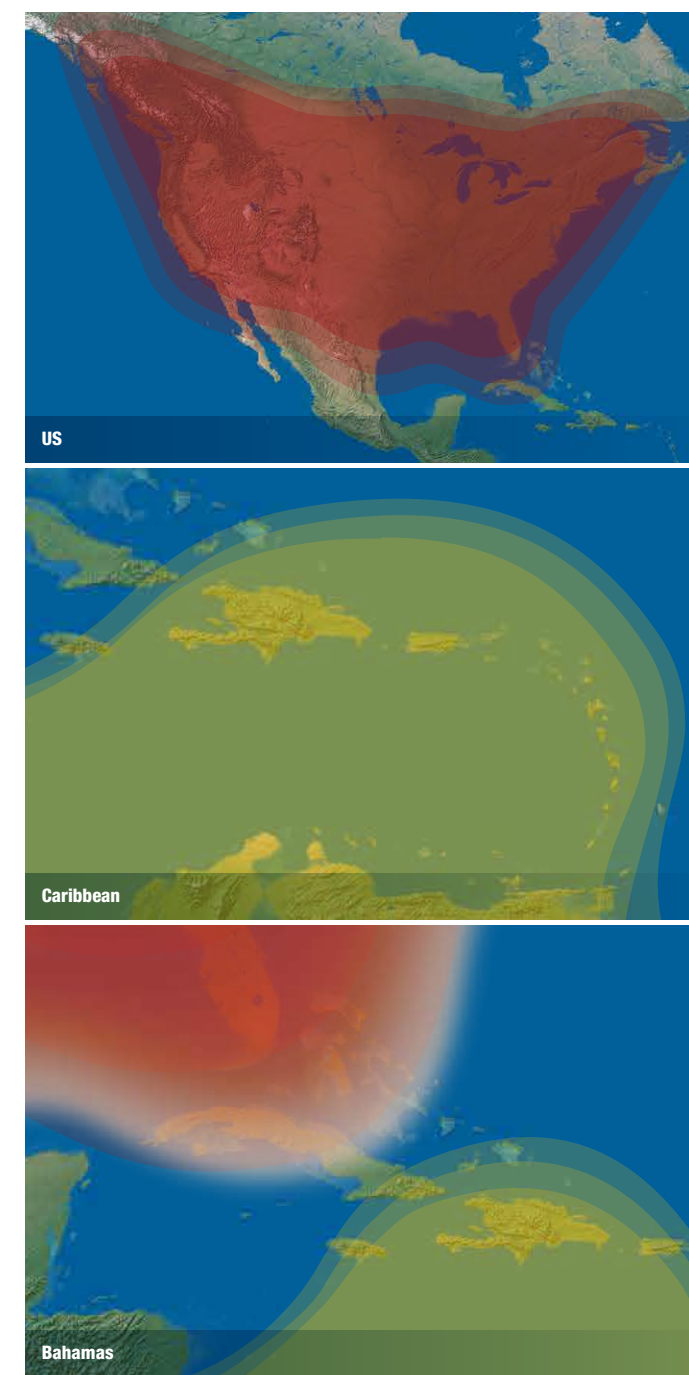
i-Series LNB Options

Part No.	Model Description
S2-0801	Universal Dual LNB (2 ports)
S2-0802	Universal Quad LNB (4 ports) Requires extra cables in antenna, if converting from US system
S2-0803	Australia, New Zealand, Asian LNB (11.3GHz, 2 ports)
S2-0804	Korean LNB (10.75GHz, 1 port)
S2-0805	Japan LNB (10.678GHz, 1 ports)
S2-0806	DLA / Latin LNB (10.5GHz, 2 ports)
S2-0818	Russian LNB (10.75GHz, 2 ports)
S2-0820	All-Americas LNB (10.5 ~ 11.25GHz, 2 ports)
S2-6815	LNB for Intellian s6HD (Ku/Ka Dual band)
S2-0817	WorldView™ LNB for i-Series

Coverage



KEY	Reflector Diameter	Product	EIRP
Red	125cm (49.2")	t130W	40 dBW
Black	105cm (41.3")	t110W/t100W	42 dBW
White	85cm (33.5")	s80HDW/180W/i9P/i9W	44 dBW
Blue	60cm (23.6")	s6HD/i6/i6P/i6PE/i6W	46 dBW
Green	53cm (21")	i5/i5P	47 dBW
Yellow	45cm (17.7")	i4/i4P	48 dBW
Orange	37cm (14.6")	i3	50 dBW
Red	33cm (13.0")	i2	51 dBW



KEY	Coverage	Product	EIRP
Red	Dish & DIRECTV	i5	47 dBW
Yellow	DIRECTV Latin America	i5	47 dBW

Note: The coverage maps are intended for information purposes only. The actual coverage and minimum EIRP level can be variable upon weather conditions. Intellian makes no warranties as to the coverage area in this document and the information can be changed without notice.

Specifications

Model	i2	i3	i4/i4P	i5/i5P	i6/i6P	i6PE
Axis	2-axis	2-axis	2-axis	2-axis	2-axis	2-axis
Reflector Diameter	13" (33 cm)	14.6" (37 cm)	17.7" (45 cm)	21" (53.5 cm)	24" (60 cm)	24" (60 cm)
Dome Dimension (WxH)	14.6" x 15" (37 cm x 38 cm)	16.9" x 17.3" (43 cm x 44 cm)	19.7" x 21.3" (50 cm x 54 cm)	24" x 24.7" (61 cm x 62.7 cm)	27.5" x 28.3" (70 cm x 72 cm)	27.5" x 28.3" (70 cm x 72 cm)
Antenna Weight	9.5 lbs (4.5 kg)	19.8 lbs (9 kg)	25.5 lbs (11.6 kg)	i6: 38 lbs (17.3 kg)	i6: 44 lbs (20 kg) i6P: 49 lbs (22 kg)	44 lbs (20 kg)
Minimum EIRP	51 dBW	50 dBW	48 dBW	47 dBW	46 dBW	46 dBW
Built-in GPS		•	•	•	•	•
Automatic Satellite Switching (TriStat™)	•	•	•	•	•	•
Automatic LNB Skew Control						•
Elevation Range	+10° to +80°	+10° to +80°	0° to +90°	0° to +90°	+5° to +90°	-15° to +90°

Model	i6W	i9P	i9W	i80W	t110W	t130W
Axis	2-axis	2-axis	2-axis	3-axis	3-axis	3-axis
Dish Diameter	24" (60 cm)	34" (85 cm)	34" (85 cm)	34" (85 cm)	41.3" (105 cm)	49.2" (125 cm)
Dome Dimension (WxH)	27.5" x 28.3" (70 cm x 72 cm)	44.5" x 44.9" (113 cm x 114 cm)	44.5" x 44.9" (113 cm x 114 cm)	44.5" x 44.9" (113 cm x 114 cm)	52.4" x 56" (133 cm x 142 cm)	65" x 66.5" (165 cm x 169 cm)
Antenna Weight	46.3 lbs (21 kg)	121.2 lbs (55 kg)	123.4 lbs (56 kg)	181.2 lbs (82.2 kg)	201 lbs (91 kg)	258 lbs (117 kg)
Minimum EIRP	46 dBW	44 dBW	44 dBW	44 dBW	42 dBW	40 dBW
Built-in GPS	•	•	•	•	•	•
Automatic Satellite Switching (TriStat™)	•	•	•	•	•	•
Automatic LNB Skew Control	•	•	•	•	•	•
Elevation Range	+5° to +90°	-15° to +90°	-15° to +90°	-15° to +110°	-15° to +120°	-15° to +120°
RF Outputs (LNB Polarization)	Dual: Circular / Linear	Dual: Circular / Linear	Dual / Quad: Circular / Linear (All Americas LNB)	Dual / Quad: Circular / Linear (All Americas LNB)	Dual / Quad: Circular / Linear (All Americas LNB)	Dual / Quad: Circular / Linear

Model	s6HD	s80HD	s100HD
Axis	2-axis	3-axis	3-axis
Dish Diameter	24" (60 cm)	32.7" (83cm)	42.9" (109 cm)
Dome Dimension (WxH)	27.5" x 28.3" (70 cm x 72 cm)	44.5" x 47.4" (113 cm x 120.5 cm)	54.3" x 59.6" (138 cm x 151.4 cm)
Antenna Weight	47.8 lbs (21.7 kg)	190 lbs (86.2 kg)	220 lbs (100kg)
Minimum EIRP	46 dBW	Ku 43 dBW / Ka 44dBW	Ku 42 dBW / Ka 45 dBW
Built-in GPS	•	•	•
Automatic Satellite Switching (TriStat™)	•	•	•
Automatic LNB Skew Control	•	•	•
Elevation Range	+5° to +90°	-15° to +110°	-15° to +120°
RF Outputs (LNB Polarization)	Quad: Circular	Ku-Band: Linear/Circular Ka-Band: Circular	Ku-Band: Linear/Circular Ka-Band: Circular



Intellian
Satellite TV



Intellian offers a complete range of advanced TV and communications satellite antennas for recreational and commercial vessels.
Intelliantech.com