

# Intellian® s6HD

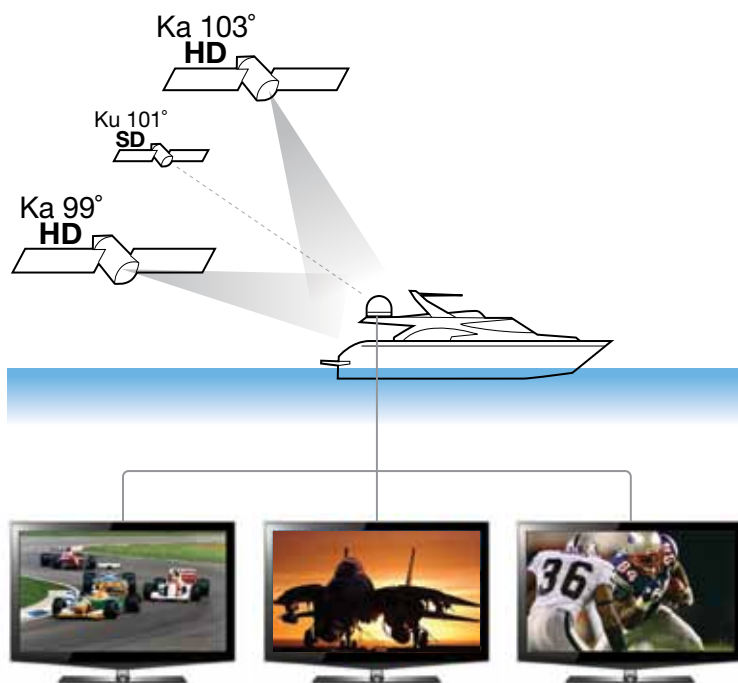
**American's Top Marine Satellite TV System**  
**Watch All 3 Primary DIRECTV Satellites at Once**



**Intellian® s6HD** The new Intellian s6HD is a complete all-in-one marine satellite TV solution that offers boaters to enjoy high-definition TV channels just like home from 3 primary DirecTV's ka-band and ku-band satellites simultaneously as well as unnumbered DirecTV local channels, Dish Network, and Bell TV services.

The s6HD incorporates Intellian's well-know DBT technology that guarantees boaters to have the most rock-solid TV receptions in all sea conditions. Unlike other systems, the s6HD has lightweight, wide elevation angle (5°-90°) and real -time automatic Tri-Sat alignment control system that deliver seamless, uninterrupted and reliable satellite receptions for boaters whose travel throughout U.S. waters.

The user friendly operation design of the s6HD that gives boaters a brand new plug and play user experience. With an integrated Single Wire Multiswitch, the s6HD can connect up to 16 receivers as default that makes installation a breeze.



### Watch 3 DirecTV Satellites at Once

Intellian s6HD provides simultaneously reception of HDTV channels from 3 primary DirecTV's Ka-band and Ku-band satellites located at 99°W, 101°W and 103°W. Tune in your favorite channels on any of the 3 satellites as easy as you do at home without waiting for satellite switching.

### Non-Primary DirecTV Service Receptions

Intellian s6HD is also capable of receiving DirecTV local channels broadcasted through other 2 DirecTV Ku-band satellites located 110°W and 119°W as well as Dish Network and Bell TV services.

### Wide Elevation Angle

Intellian s6HD provides wide elevation range from +5° to +90° to ensure you to have seamless, uninterrupted and reliable satellite receptions throughout U.S. water.

### Tri-Sat Alignment Control System

With an built-in Tri-sat alignment control system, Intellian s6HD is capable of keeping the multi-feed alignment toward the 3 primary DirecTV's satellites at sea even during harsh marine environment or high-speed cruise.

### Simply & Easy Installation

Intellian s6HD system is quick and easy to install through its single cable connection from the antenna to the ACU. With an integrated Single Wire Multiswitch(SWM), the s6HD can connect up to 16 receivers as default to allow easy installation. In addition, s6HD is upgradable up to 32 receivers.

### High Performance & Big value

All these benefits are yours to enjoy without having to worry about a hefty price tag. Our goal is to provide an affordable, high value system so you can enjoy big-ticket broadcast entertainment and not have to worry about the price of admission.

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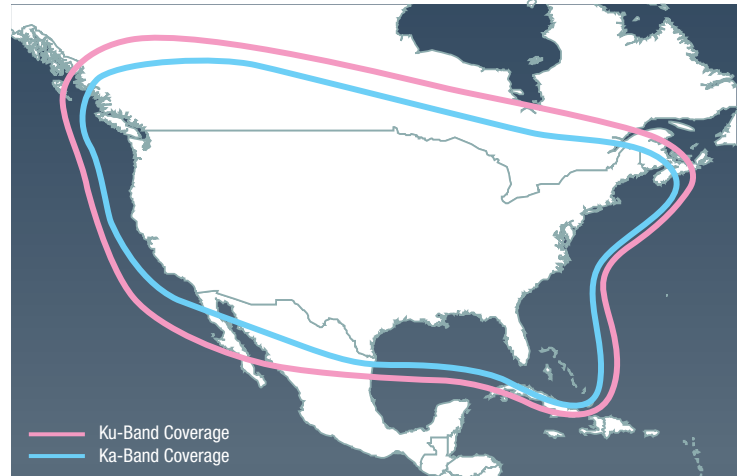
## 24" Ka- and Ku-band 2-axis Marine Satellite Antenna Systems

### Technical Specification

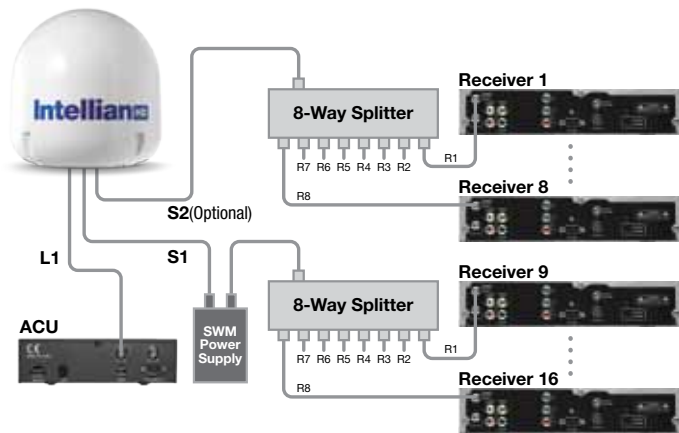
Part	Specifications
B2-633HD	Intellian s6HD Satellite TV Antenna System
<b>Physical</b>	
Radome (D x H)	27.5"x28.3"
Antenna Dish Diameter	24"
Weight	47.8 lbs
<b>Environmental</b>	
Operating Temp. Range	-15°C to +55°C / +5°F to +131°F
Storage Temp. Range	-25°C to +70°C / -13°F to +158°F
Water Ingress	IPX6
Approvals	CE / FCC
Warranty	2 year parts and 1 year labor
<b>Performance</b>	
Reception Frequency	Ka-Band (18~22 GHz) Ku-Band (10.7 ~ 12.75 GHz)
Minimum EIRP	47 dBW
Azimuth Range	680°
Elevation Range	+5° to +90°
Ship's Motion	Roll ±25°, Pitch ±15°
Roll & Pitch Response Rate	45°/sec
Turn Rate	45°/sec
RF Output	Quad output

Antenna Control Unit	
Dimensions (W x D x H)	7" x 8.5" x 2.1"
Weight	2.6 lbs
Display	2 line 20 character VFD module
Power Input	9.0~30.0V DC (Typ. 30W, Max 50W)
GPS Interface	Built-in (NMEA 0183 GPS)

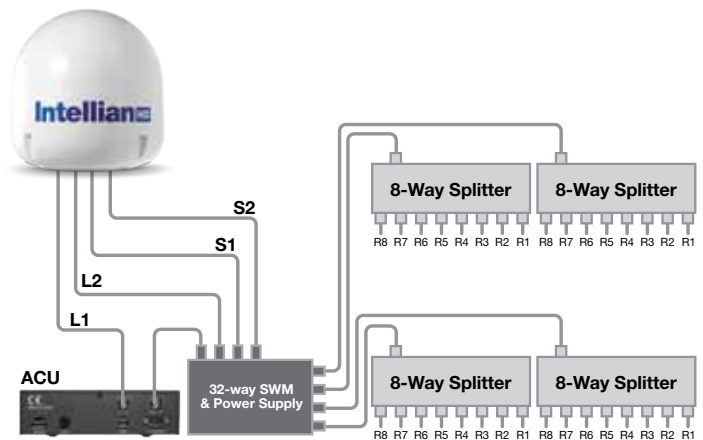
### Coverage



### Basic Configuration



### Advanced Configuration (W/ 32 Receivers SWM Extension Kit)



ISO 9001 Certified  
For more info, visit [intelliantech.com](http://intelliantech.com)

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