i-Series Overview

Ideal for larger offshore vessels, megayachts and commercial ships, Intellian’s t-Series antennas provide powerful and reliable satellite TV reception. These antennas are designed for large vessels and have a preloaded Global satellite library and fail-safe back-up. This allows them to lock in anywhere in the world and perform reliably in all sea conditions. If you want to turn on the TV, turn to Intellian.

PERFORMANCE YOU CAN’T GET FROM ANY OTHER ANTENNA

Intellian’s t-Series is the world’s most versatile 2-axis marine antenna. Every Intellian TVRO antenna is capable of receiving Standard (SD) and High Definition (HD) TV, the most popular 45 cm (18”) dish system for boats, and exceptionally strong signal gain. Great for any vessel over 21 feet, Intellian’s best-selling system, the i6, is designed to find and hold the satellite signal, even in more extreme latitudes. With powerful and reliable satellite TV reception, Intellian is the world’s TV satellite providers.

Intellian’s t130, with its larger dish diameter of 165 cm (65”), is the ultimate entertainment choice for vessels over 80 feet. It is the most popular 45 cm (18”) dish system for boats, and exceptionally strong signal gain. Great for any vessel over 21 feet, Intellian’s best-selling system, the i6, is designed to find and hold the satellite signal, even in more extreme latitudes. With powerful and reliable satellite TV reception, Intellian is the world’s TV satellite providers.

Intellian’s t110, with its larger dish diameter of 125 cm (50”), is the ultimate entertainment choice for vessels over 80 feet. It is the most popular 45 cm (18”) dish system for boats, and exceptionally strong signal gain. Great for any vessel over 21 feet, Intellian’s best-selling system, the i6, is designed to find and hold the satellite signal, even in more extreme latitudes. With powerful and reliable satellite TV reception, Intellian is the world’s TV satellite providers.

Intellian’s t100, with its larger dish diameter of 114 cm (44.9”), is the ultimate entertainment choice for vessels over 80 feet. It is the most popular 45 cm (18”) dish system for boats, and exceptionally strong signal gain. Great for any vessel over 21 feet, Intellian’s best-selling system, the i6, is designed to find and hold the satellite signal, even in more extreme latitudes. With powerful and reliable satellite TV reception, Intellian is the world’s TV satellite providers.

Intellian’s t90, with its larger dish diameter of 90 cm (35”), is the ultimate entertainment choice for vessels over 80 feet. It is the most popular 45 cm (18”) dish system for boats, and exceptionally strong signal gain. Great for any vessel over 21 feet, Intellian’s best-selling system, the i6, is designed to find and hold the satellite signal, even in more extreme latitudes. With powerful and reliable satellite TV reception, Intellian is the world’s TV satellite providers.
### w-Series Key Features

Region (linear polarized) with one LNB module. Forward looking design features precise pioneering technology of ±10 kHz stability, the WorldView™ LNB has 100 LNB component inside the radome or reconfigure complex systems. Built with the worldwide satellite coverage via Intellian’s exclusive WorldView™ LNB Module, w-Series Overview

- **Ku-band Marine Satellite Antenna**
  - Automatic skew angle and pol control system.
  - Receiving next generation DVB-S2 satellite TV services when they are available.
  - Built-in GPS and NMEA 0183 interface.

#### Dynamic Beam Tilting (DBT)

Mariners requiring a more compact antenna solution on smaller transoceanic vessel crosses into a different satellite TV service region. The MultiBeam System is a flexible beam control system that allows the beam to be tilted to the satellite while travelling from region to region.

#### Multi-Band and Multi-Polarization

Intellian WorldView™ LNB programming virtually anywhere you go with the s6HD, with its unique triple feedhorn, is designed to receive Ku-band and Ka-band signals from all three

<table>
<thead>
<tr>
<th>LNB Type</th>
<th>Type</th>
<th>Description</th>
<th>Frequency Range</th>
<th>Bandwidth</th>
</tr>
</thead>
<tbody>
<tr>
<td>s6HD</td>
<td>LNB Polarization</td>
<td>Satellites</td>
<td>10.7 to 12.75 GHz</td>
<td>14 dB</td>
</tr>
<tr>
<td>i3 / i4 / i6 / i6P / i6PE / i6W</td>
<td>LNB Polarization</td>
<td>Satellites</td>
<td>10.75 to 12.75 GHz</td>
<td>16 dB</td>
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<tr>
<td>s6HD</td>
<td>LNB Polarization</td>
<td>American</td>
<td>13.75 to 14.5 GHz</td>
<td>16 dB</td>
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<tr>
<td>s6HD</td>
<td>LNB Polarization</td>
<td>Japanese</td>
<td>11.7 to 12.25 GHz</td>
<td>16 dB</td>
</tr>
</tbody>
</table>

### Part No. Model Description

- **S2-6814** LNB for Intellian s6HD (Ku/Ka Dual band)
- **S2-0818** Russian LNB (10.75GHz, 2 ports)
- **S2-0805** Japan LNB (10.678GHz, 2 ports)
- **S2-0804** Korean LNB (10.75GHz, 1 port)
- **S2-0801** Universal Dual LNB (2 ports)
- **S2-0817** Asia LNB (11.3GHz, 2 ports)

### Specifications

- **Minimum EIRP**: 51 dBW (Ku), 49 dBW (Ka)
- **Antenna Weight**: 4.5 kg (9.5 lbs) (Ku), 20 kg (44 lbs) (Ka)
- **RF Outputs**: Quad:
  - Circular / Linear: 50 cm x 54 cm (19.7" x 21.3")
  - Dual / Quad: 70 cm x 75.4 cm (27.5" x 29.6")
- **Dish Diameter**: 60 cm (23.6")
- **Dome Dimension (WxH)**: 70 cm x 72 cm (27.5" x 28.3")
- **Dome Weight**: 5 kg (11 lbs)
- **Axis**: 2-axis
- **Built-in GPS**: Yes

### Coverage

[Map of satellite coverage areas]

[Table with coverage areas and frequency bands]

**Intellian**

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