NovAtel SMART antennas integrate our high-precision GNSS receivers and high-performance antennas in rugged, durable housings.

Our SMART antennas are designed to ensure optimal GNSS system performance with careful integration of a receiver card and a high-performance antenna element. NovAtel SMART antennas incorporate our patented Pulse Aperture Correlator (PAC) technology to virtually eliminate the effects of multipath for high quality measurements and are designed to meet the European Union’s Restriction of Hazardous Substances (RoHS) Directive. Whatever your application, NovAtel SMART antennas will ensure your success.

For comprehensive SMART antenna information, visit www.novatel.com/smart-antennas

NovAtel SMART antennas integrate our high-precision GNSS receivers and high-performance antennas in rugged, durable housings.

NovAtel is an Original Equipment Manufacturer (OEM) that designs, manufactures and sells high-precision Global Navigation Satellite System (GNSS) positioning technology.

Developed for efficient and rapid integration, our products have set the standard in quality and performance for over 20 years. State-of-the-art, lean manufacturing facilities in our North American headquarters produce the industry’s most extensive line of OEM receivers, antennas and subsystems. All of our products are backed by a team of highly skilled customer support and design engineers. NovAtel Inc. is based in Calgary, Canada and is part of the Hexagon Group, Sweden.

To learn more, visit www.novatel.com

sales@novatel.com
1-800-NOVATEL (US & Canada) or 403-295-4900
China 0086-21-54452990-8011
Europe 44-1993-848-736
SE Asia & Australia 61-400-883-601

SMART Antennas

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Refer to www.novatel.com for specification revisions
Printed in Canada
D16277 August 2014
### NovAtel SMART Antennas

#### SMART6-L™
A rugged, self-contained GNSS receiver and antenna with GPS, SBAS and GLIDE support. Optional GLONASS, Galileo, BeiDou, L-band tracking and dual-frequency GLIDE are also available.

- **Size**: 155 x 81 mm
- **Weight**: <550 g
- **Accuracy**: 1.5 m, 1.2 m, 0.6 m, 0.4 m, 0.3 m, 0.1 m + 1 ppm
- **Channels**: L1, L1/L2, L2C
- **Power**: +8 to +36 VDC
- **Consumption**: 2.9 W
- **Connector**: 14-pin Tyco AMPSEAL
- **Mounting Options**: Magnet, 4xM4 inserts or optional pole and plate mount

#### SMART6™
A self-contained GNSS receiver and antenna with GPS, SBAS and GLIDE support. Optional GLONASS, Galileo, BeiDou, dual-frequency GLIDE, Bluetooth and tilt compensation are also available.

- **Size**: 155 x 81 mm
- **Weight**: <520 g
- **Accuracy**: 1.5 m, 1.2 m, 0.6 m, 0.4 m, 0.3 m, 0.1 m + 1 ppm
- **Channels**: L1, L1/L2, L2
- **Power**: +8 to +36 VDC
- **Consumption**: 3.5 W
- **Connector**: 14-pin Tyco AMPSEAL
- **Mounting Options**: Magnet, 4xM4 inserts or optional pole and plate mount

#### AG-STAR™
A self-contained receiver and antenna that is ideal for agricultural environments. It features sub-metre real-time accuracy with optional GLONASS and Bluetooth. Optional GLIDE is also available.

- **Size**: 155 x 68 mm
- **Weight**: <490 g
- **Accuracy**: 1.5 m, 0.9 m, 0.5 m
- **Channels**: L1, L1/L2, L2, L2C
- **Power**: +8 to +36 VDC
- **Consumption**: 2.5 W
- **Connector**: 14-pin Tyco AMPSEAL
- **Mounting Options**: Magnet, 4xM4 inserts or optional pole and plate mount

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**POSITIONING ACCURACY (LEVEL)**

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<thead>
<tr>
<th>Antenna</th>
<th>Single Point L1</th>
<th>Single Point L1/L2</th>
<th>SBAS</th>
<th>SBAS</th>
<th>L1, L2, L2C</th>
<th>TERRASTAR-D*a</th>
<th>NovAtel CORRECT™</th>
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<tr>
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<td>0.3 m</td>
<td>0.1 m</td>
<td>1 cm (RMS)</td>
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<td>1 cm (RMS)</td>
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<td>0.9 m</td>
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**OPTIONS**

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<tr>
<th>Antenna</th>
<th>GPS</th>
<th>GLONASS</th>
<th>Galileo</th>
<th>BeiDou</th>
<th>SBAS</th>
<th>L-Band</th>
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**SIGNAL TRACKING**

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<th>L2C</th>
<th>L1, L2</th>
<th>L2C</th>
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**INTERFACES**

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<th>Antenna</th>
<th>Serial Ports</th>
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<th>Bluetooth</th>
<th>Maximum Data Rate</th>
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*a. TERRASTAR-D subscriptions are available from NovAtel.*

**b. Veripos Apex 2 marine subscriptions are available directly from Veripos. (www.veripos.com)