



February 10, 2015

Trimble's Pocket-Sized R1 GNSS Receiver Enables High-Accuracy Data Collection with Smart Devices

Professional-Grade Location Accuracy Using Consumer Smart Phones and Tablets

SUNNYVALE, Calif., Feb. 10, 2015 /PRNewswire/ -- Trimble (NASDAQ: TRMB) introduced today the R1 GNSS receiver, a pocket-sized, rugged, standalone receiver that works with iOS, Android or Windows® mobile handhelds, smart phones and tablets using Bluetooth® connectivity. When paired with a smart device, the receiver adds professional-grade Global Navigation Satellite System (GNSS) geo-location capabilities to transform consumer devices into high-accuracy mobile data collection systems.

With the evolution of smartphones and tablets, more field workers now have access to positioning technologies for geospatial data collection. The Trimble® R1 GNSS receiver is an ideal choice to collect data and inspect or manage assets using smart devices without an integrated high-accuracy GNSS receiver. Adding the optional Trimble ViewPoint™ RTX™ correction service to the R1 receiver enables users to achieve reliable sub-meter accuracy. The Trimble R1 receiver is compact and portable weighing only 6.5 ounces (187 grams). With an all-day battery life, the receiver can be carried in a vest pocket, attached to a belt using the optional belt pouch, or pole mounted. The receiver also integrates with Trimble TerraFlex™, Trimble TerraSync™ and Trimble Positions™ mapping and Geographic Information System (GIS) field software.

"The addition of the R1 GNSS receiver expands our portfolio to address the needs of organizations that have adopted a workplace Bring Your Own Device (BYOD) strategy for their businesses. We are providing an innovative solution to enable next generation capabilities for a much broader base of field workers to collect high-accuracy geospatial data," said Alain Samaha, business area director of GIS and Software for Trimble's Geospatial Division. "Our focus is to provide customers with a variety of options and flexibility when it comes to mobile device deployment and authoritative data collection to increase productivity and improve operations."

The Trimble R1 GNSS is a multi-constellation receiver that supports GPS, GLONASS, Galileo, BeiDou and QZSS satellite signals. The Trimble ViewPoint RTX corrections are delivered via cellular data network coverage or over satellite in remote locations—without the need for a traditional base station or VRS network—when using Trimble's Mapping & GIS software or API. In addition, the R1 receiver can leverage SBAS and VRS correction sources to achieve sub-meter accuracy.

Trimble TerraFlex - Cross-Platform Geospatial Data Collection

Trimble TerraFlex is a scalable cloud-based solution for geospatial data collection. TerraFlex addresses a wide variety of field requirements including attribute-rich GIS data collection on professional and consumer devices. With an intuitive interface and streamlined toolset for creating custom digital form templates, TerraFlex keeps the data flow standardized and streamlined from the field to the office. By combining TerraFlex with the new Trimble R1 GNSS receiver, Trimble now offers an integrated hardware and software solution for the use in a BYOD environment.

Availability

The Trimble R1 GNSS receiver is expected to be available in early March 2015 through Trimble's authorized GIS Distribution Channel. To learn more, go to: www.trimble.com/mappingGIS/R1-GNSS-Receiver.

Trimble RTX correction service subscriptions for compatible receivers are available through Trimble's Positioning Services Division. To learn more, go to: www.trimble.com/positioning-services/mgis.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location--including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

For more information, visit: www.trimble.com.

GTRMB

To view the original version on PR Newswire, visit:<http://www.prnewswire.com/news-releases/trimbles-pocket-sized-r1-gnss-receiver-enables-high-accuracy-data-collection-with-smart-devices-300033490.html>

SOURCE Trimble

News Provided by Acquire Media