

OmniSTAR-compatible Receiver



Geneq introduces an OmniSTAR-compatible receiver for sub-metre mapping wherever OmniSTAR VBS is broadcast. The SXBlue II-L is capable of receiving OmniSTAR sub-metre corrections in all regions of the world. The SXBlue II-L also incorporates SBAS signal processing for using WAAS, EGNOS and MSAS, and future SBAS signals.

The ability to select from either OmniSTAR or SBAS provides GIS professionals a sub-metre mapping solution. Users can activate the OmniSTAR service at anytime with one phone call, even from the field.

The SXBlue II-L is compact and rugged for optimal field use, requiring no backpack nor external batteries. It was designed to meet IP-67 rating, and can survive accidental immersion in water, weighs slightly more than one pound and measures only 5.6"x 3.1" x 2.2". The SXBlue II-L comes with a compact, dual purpose, hermetically sealed antenna that receives GPS, SBAS and OmniSTAR signals. No other antenna is required.

Other standard features include a field-replaceable integrated battery pack with "gas gauge", 200-metre long-range Bluetooth, USB port and RS-232 port. Optional features include 10Hz/20Hz update rates, RTCM output and L1 RTK for real-time cm-level positioning.

The SXBlue II-L is targeted at GPS/GIS mapping professionals in industries such as Forestry, Utility, Agriculture and other Natural Resources industries in addition to Municipal, State and Federal Government users.

<https://www.gim-international.com/content/article/omnistar-compatible-receiver>
