

Satlab Introduces Multiconstellation GNSS UAV/RTK Receiver



Swedish baseds and GIS equipment manufacturer [Satlab Geosolutions](#) has announced the availability of its multiconstellation GNSS UAV/RTK and heading receiver solution. With the new UAV/RTK receiver, the company aims to bring professional high-precision positioning in a very compact and lightweight design concept, enabling connection to almost all UAV autopilots available on the market today.

The UAV/RTK Receiver has integrated 4G GSM modem and a configurable radio modem for receiving RTK correction from CORS networks as well as from dedicated GNSS base stations. For configuration of UAV/RTK Receiver parameters, the unit is equipped with Bluetooth connectivity for Android and Windows smart devices.

Dual antenna phase

Apart from providing GNSS RTK cm accurate position solutions, the unit also provides heading information based on dual antenna phase data computation (Novatel Align) as well as having the capability to store raw data, including event marker, for later post-processing of position information and image time tagging (PPK).

The newly designed UAV sensor concept is offering RTK cm level positioning and heading in a very compact and lightweight form factor, commented Bjorn Agardh, CEO of Satlab, with the simple software utility, users just set up the UAV/RTK receiver once, and it remains configured every time it's used, he added.

SatLab UAV/RTK receiver availability is commencing now at a very competitive price and is available with bundled 2 external UAV GNSS Helix antennas as well as a complete cable kit for interfacing to autopilot and other equipment.

<https://www.gim-international.com/content/news/satlab-introduces-multiconstellation-gnss-uav-rtk-receiver>
