



TECHNICAL BULLETIN

To: Hemisphere GNSS Dealers and End Users
From: Hemisphere GNSS
Date: **September 12, 2017**
Reference #: [TB172017-09-12](#)

PRODUCTS AFFECTED:

- S321 UHF Receiver
- S321 Network Receiver

SCOPE:

HGNSS has released new positioning engine firmware (v5.6Aa9) and WebUI firmware (v1.30.170620) for the positioning and heading products listed above. This new firmware release represents Hemisphere GNSS's ongoing commitment to ensure HGNSS customers experience the best possible performance from their products.

The enhancements and improvements available with this new firmware are outlined below:

Firmware Update Notes
GNSS v5.6Aa9 <ul style="list-style-type: none">• Removed unused functions and methods to reduce firmware image size• Improved e-Dif performance when dual frequency data is unavailable• Resolved issues in aRTK performance and solution metadata• Fixed RTKSTAT message issue which occasionally reported incorrect satellite count



WebUI v1.30.170620

- Added Galileo support to “Settings” tab (turns Galileo on/off), “Information” tab (displays Galileo satellites), and Satellites tab (turns on/off specific Galileo PRNs)
- Outputs Galileo when running as a base station
- Added Galileo support to GSV messages
- Fixed the issue that continued to display “transmitting” when the network disconnected
- Correctly turn off the sensor messages when connected to S321 via Bluetooth
- Now correctly record the current point coordinates when using Stop & Go function
- Now displays the detailed solution status
- Displays the time on the upper status that is in sync with the time in the status page

Product-specific release notes and binary files can be downloaded on our website at WWW.HGNSS.com/Resources-Support/Software

FURTHER INFORMATION:

If you have any further questions, please contact Hemisphere GNSS technical service department at +1 (480) 348-6380. For support via email, please contact TechSupport@HGNSS.com or consult WWW.HGNSS.COM for the latest HGNS product and software information.

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