

OneWeb's six first satellites have been successfully launched from Kourou, French Guiana, on February 27th.

Buc, France, March 4th 2019 – Airbus OneWeb Satellites has successfully launched its first satellites from Kourou launch base in French Guiana. This ambitious project targets to build a global constellation of low Earth orbit small satellites and provide affordable high-speed Internet connection even in rural and most remote locations on Earth. Around 650 satellites designed and manufactured by Airbus OneWeb Satellites, a joint venture between Airbus and OneWeb, should be launched by 2021.

In partnership with Sodern, subsidiary of ArianeGroup and world leader for star trackers, 3D PLUS has developed the electronic module which embeds the acquisition functionalities of Auriga, the star tracker developed by Sodern. Auriga has been specifically designed for constellations of small satellites and embedded on-board OneWeb's satellites.

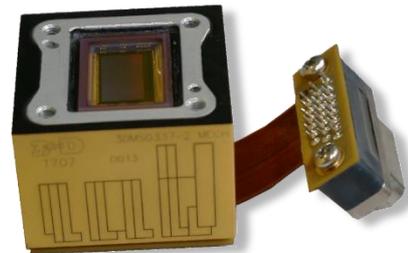
Thanks to its high level of expertise, 3D PLUS is using its unique stacking technology to build camera modules that meet challenging requirements in terms of miniaturization, performance and reliability, while also overcoming cost challenges of OneWeb's constellation.

3D PLUS is very proud of this partnership with Sodern to miniaturize all the electronic system in the new Auriga Star Tracker. This also allows to expand 3D PLUS product offer towards the small satellites and constellations applications.

3D PLUS camera modules already benefit of a strong flight heritage through flagship space missions such as ESA Rosetta and NASA Mars Science Laboratory missions. Our cameras will also be part of numerous future missions: EYE-Sat, MARS2020, LUNA RESURS.



AURIGA Star Tracker - Credit: Sodern



3D PLUS camera module for AURIGA Star

About 3D PLUS:

3D PLUS is a French SME, world leader in the design and manufacturing of high-performance and high reliability components miniaturized with its unique 3D vertical interconnect technology.

With more than 146,000 modules into space early 2019 and a production of more than 30,000 space qualified modules per year in its facility nearby Paris, 3D PLUS provides all stakeholders of the global space industry for over 20 years for telecommunications applications, Earth observation, navigation, launchers and human spaceflight, science missions, small satellites and constellations.