

Harxon Debuts Ruggedized Antenna HX-CVX600A for I-construction Machining Applications



The Harxon HX-CVX600A offers full support for reliable and consistent tracking of satellite signals including GPS, GLONASS, Galileo, Beidou, QZSS, IRNSS, SBAS as well as L-band correction services. It has a very stable phase centre that is based on multipoint feeding technology, exceptional low-elevation satellite tracking with symmetric radiation patterns, high gain with ultralow signal loss, as well as outstanding wide-angle circular polarization (WACP). The Harxon HX-CVX600A delivers remarkable positioning accuracy and provides end users with full control of the job site, enabling them to perform tasks more productively, meet tighter positioning specifications and avoid rework caused by inaccurate positioning.

The antenna also sets itself apart in terms of anti-interference performance. The advanced low noise amplifier (LNA) excels in improved signal filtering and out-of-band rejection and prevents unwanted electromagnetic interference. Moreover, it offers strong multi-path reduction capacity across all GNSS frequency bands for consistent and reliable GNSS signals, even in complex environments such as congested urban areas or communication base stations.

The [Harxon](#) HX-CVX600A compact and low-profile antenna is Harxon's first antenna with exceptional robustness for harsh operating environments such as the construction industry. The upper cover of the antenna is made from material that has excellent resistance to chemicals and high temperatures. Meanwhile, it is fitted with an independent aerodynamic enclosure to withstand exposure to dust, rain, splash or sunlight. Screws and pole mounts are available for flexible installation.

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