

## HIGH PRECISION COMPACT GNSS ANTENNA FOR AVIATION



### HIGH PHASE CENTER STABILITY

HX-CA7603A features a multi-point feeding design to achieve greater phase center stability. It effectively improves measurement accuracy and provides better positioning solution.

### TRACKING IN CHALLENGING ENVIRONMENTS

The ability to receive low elevation signals with high gain and wide beam width makes HX-CA7603A a suitable choice for tracking visible satellites and provide stable and precision GNSS data under different flight attitudes.

### STRONG ANTI-INTERFERENCE PERFORMANCE

The antenna LNA features an excellent out-of-band rejection performance, which can suppress the electromagnetic interference, providing the stability and reliability of GNSS signals. Also it effectively avoids disconnection dangerous when receivers are being interfered by wireless communication systems, for example power grid, communication base station or radio modem applications.

### SMALL SIZE WITH RUGGEDIZED STRUCTURE

The dimension of HX-CA7603A is only 90\*27.5mm (without connector) with a light weight of 150 gram, which makes it ideal to be placed over the professional drones, unmanned vessels or where high precision operations are needed. The IP67 ruggedized cover can protect the antenna from dust and water, furthermore ensure long-time outdoor operation due to its patented waterproof and breathable design.

### KEY FEATURES

- Support GPS, Glonass, Galileo, Beidou, QZSS and SBAS signal reception
- Stable phase center guarantees the accuracy of positioning within millimeter-level
- Strong anti-interference ability to endure the challenging operating environments
- Small form factor with IP67 ruggedized structure

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