

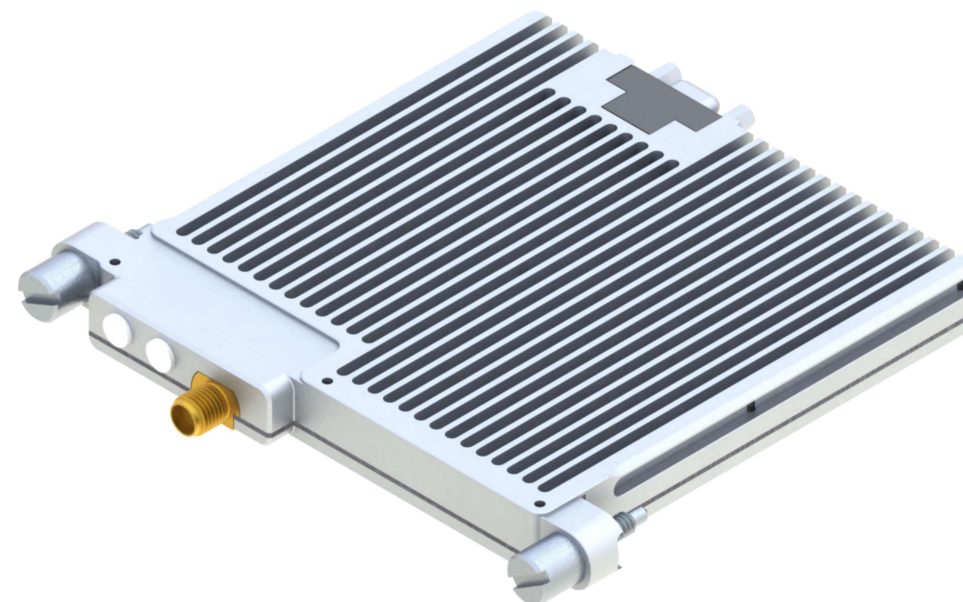


ZPX-G Mode 5 GPS Module



ZPX-G is a Technical Standard Orders (TSO) derived SBAS Global Positioning System (GPS) position source designed specifically for Unmanned Aircraft Systems (UAS) autopilots and Automatic Dependent Surveillance – Broadcast (ADS-B) OUT solutions. The ZPX-G incorporates the GPS receiver and antenna into a single 11mm LRU.

Reduce integration effort by leveraging ZPX-G as the primary position source to your ADS-B solution.



Specification	Value
Input Voltage/Power	3.6 – 6V 400mW
Size	88 x 79 x 11 mm
Weight	25 grams
Operating Temp	-45° to 71° C

Control Interface	
Baudrate	115,200 bps RS-232
Protocol	NMEA 0183 + RAIM or uAvionix OEM Protocol

Position Engine	
GPS L1C/A w. SBAS	12 GPS Channels 3 SBAS Channels
HPA / VPA	5 m / 7 m
Velocity Accuracy	3 m/s
Time Accuracy	30 ns
Update Rate	5 Hz
SIL/SDA	3/2
Approach Capability	LNAV

