



Mechanical (Standard)

Dimensions (WxHxL).....89x35x155 mm¹
 Weight.....280 g
 Main connector.....Glenair GMR7590-51P Micro-D
 Pressure connector Diameter.....3 mm
 Radio Connector.....SMA female
 GPS Connector.....SMA female

Mechanical (OEM)

Dimensions (WxHxL).....58x21x138 mm²
 Weight.....77 g
 Main connector.....Glenair GMR7590-51P Micro-D
 Pressure connector Diameter.....3 mm
 GPS Connectors.....UFL female/ SMA female
 Radio Connector..... MMCX female

Electrical

Supply Voltage..... 6V – 28V³
 Power Consumption.....4 W
 Maximum Temperature Range.....-30 °C to +85°C
 Recommended Temperature Rating.....+10 °C to +60°C

GPS Positioning

Channels.....12
 Satellite Based Augmentation SystemGlobal coverage

Interface with Actuators

Antennas control.....Up to 7 antennas
 Antennas control type.....Tilt & Azimuth
 RS-232 ports.....4 RS-232 compliant ports
 RS-232 Rates.....9600 – 115200 bps
 External ADC channels.....3 channel 12bit - 0-30 V

Sensor Suite

Static pressure, low altitude option0-2000 m
 Static pressure, high altitude option.....0-4000 m

Telemetry

Frequency370MHz/**900MHz**/1.4 Ghz/2.4GHz⁴
 Power.....1 W
 Range.....100 km / 80km / 40 km
 Baud Rate.....115200 bps
 Data Output to PC.....RS-232 Serial Port⁵

Emitter Interface

Type.....MIL-C-5015
 Recommended Futaba emitter.....Futaba T6J

1 Excluding connectors in front panel.
 2 Excluding connectors in front panel.
 3 Input voltage can reach up to 36V under certain circumstances.

4 Depending on local legislation
 5 You will surely need a USB-to-serial converter