



## Mechanical (Standard)

Dimensions (WxHxL).....89x35x155 mm<sup>1</sup>  
 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 mm<sup>2</sup>  
 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 – 28V<sup>3</sup>  
 Power Consumption.....4 W (8W peak)  
 Maximum Temperature Range.....-30 °C to +85°C  
 Recommended Temperature Rating.....+10 °C to +60°C

## GPS Positioning

Channels.....184  
 Satellite Based Augmentation System ....Global coverage

## Interface with Actuators

Antennas control.....Up to 7 antennas  
 Antennas control type.....Tilt & Azimuth  
 RS-232 ports.....8 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 option .....0-2000 m  
 Static pressure, high altitude option.....0-4000 m

## Telemetry

Frequency .....370MHz/**900MHz**/1.4 Ghz/2.4GHz<sup>4</sup>  
 Power.....1 W  
 Range.....200km/100 km / 80km / 40 km<sup>5</sup>  
 Baud Rate.....115200 bps  
 Data Output to PC.....RS-232 Serial Port<sup>6</sup>

## Emitter Interface

Type.....MIL-C-5015  
 Recommended Futaba emitter.....Futaba T6K

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

4 Depending on local legislation  
 5 RF range may vary depending on: local RF noise, antennas, installation, etc.  
 6 You will surely need a USB-to-serial converter