

Features

Advanced Sensor Technology:

- Capacitive Polymer Humidity
- Bead Thermistor Temperature
- Digital Pressure Sensor

Simple to Use:

- Dry cell (Alkaline) batteries
- No pre-flight temp & humidity recalibration required

RADIOSONDE GPS/RDF-MODE

IMA BAT-16GP

Transmitter

Tuning Frequencies	1676, 1678, 1680, 1682 MHz
Output Power	300 mW
Transmission	76 kilobaud, FM
Bandwidth	130 kHz (1680 MHz)
Stability	Crystal Controlled

PTU Sensors

<i>Pressure</i>	
Type	Piezoresistive
Range	5 to 1100 hPa
Accuracy	0.7 hPa (rms)
Resolution	0.1 hPa
<i>Temperature</i>	
Type	Bead Thermistor
Range	-90 to 60 Deg C
Accuracy	0.3 Deg C
Resolution	0.01 Deg C
<i>Humidity</i>	
Type	Capacitive Polymer
Range	0 to 100% RH
Accuracy	5% RH
Resolution	1% RH



GPS Receiver

Number of channels	8
Update Rate	1Hz
Acquisition Time	50sec
Altitude Accuracy	10m (rms)

1680 MHz GPS Technology