

## COMPACT GPS RECEIVER

### GENERAL DESCRIPTION

TUALCOM GPS receiver is an ultra compact GPS receiver. It is compatible with COTS GPS antennas. It also can be used with a CRPA unit.

Compact size and low power consumption allow receiver to be used in mini, midi, tactical UAVs and rockets, missiles etc. Position and time data can be generated up to 100 Hz which is suitable for high velocity platforms. SDR based design allows future satellites to be implemented without hardware modification.



Compact GPS Receiver

### KEY SPECIFICATIONS

Light Weight  
Ultra Compact Size  
High Output Rate  
L1/L2C Compatible  
Easy Integration

### TECHNICAL SPECIFICATIONS

<b>Channels</b>	32
<b>Signal Tracking</b>	GPS L1/L2C GLONASS (optional)
<b>TTF (Cold Start)</b>	< 40 s
<b>TTF (Hot Start)</b>	< 10 s
<b>Max. Data Rate</b>	100 Hz
<b>Data Interface</b>	Ethernet, Serial, NMEA
<b>Operating Voltage</b>	5 V
<b>Power Consumption</b>	<5 W
<b>Dimensions (cm)</b>	7.2 x 3.7 x 1.5
<b>Weight</b>	41 g