

產品規格書

**SPECIFICATION FOR APPROVAL**

<b>Model Name:</b> GT-750FL-S	<b>Description:</b> Bluetooth-GPS Receiver
<b>Product photos:</b> 	
<b>PRODUCT FEATURES:</b> <ul style="list-style-type: none"> <li>● Acquire and track 48 satellites simultaneously</li> <li>● SiRF-IV simultaneous time-frequency search bins</li> <li>● Signal detection better than -163dBm</li> <li>● Reacquisition sensitivity – 155Bm</li> <li>● Cold start &lt; 30 seconds at – 147dBm</li> <li>● Hot start &lt; 1sec under open sky</li> <li>● 2.5m CEP accuracy</li> <li>● SBAS (WAAS, EGNOS) support</li> <li>● 2M Bytes flash memory for data logging, stores up to 250,000 data records</li> <li>● Log data can be exported to mapping software such as Google Earth and TrackMaker</li> <li>● Logging data interval programmable: by time or distance</li> <li>● Bluetooth version 2.0 compliant</li> <li>● Compatible with Bluetooth devices with Serial Port Profile (SPP)</li> <li>● Support G-mouse function via USB cable</li> <li>● Charger circuitry and battery socket for N3650 Li-ION battery</li> <li>● More than 13 hours of operation</li> <li>● Dimension:73x44x21 mm</li> </ul>	

## GT-750FL-S

### TECHNICAL SPECIFICATIONS

Receiver Type	48 parallel channels, L1 C/A code
Accuracy	Position 2.5m CEP ; Velocity 0.1m/sec
Startup Time (Average)	< 1sec hot start < 34sec cold start
Signal Reacquisition	1s
Sensitivity	-155dBm Re-acquisition -163dBm tracking -147dBm Cold Start
Update Rate	1Hz standard
Dynamics	4G (39.2m/sec <sup>2</sup> )
Operational Limits	Altitude < 18,000m or velocity < 515m/s (COCOM limit, either may be exceeded but not both)
Protocol	NMEA-0183 V3.01 GPGGA, GPGLL, GPGSA, GPGSV, GPRMC, GPVTG, GPZDA 38400 baud, 8, N, 1
Datum	Default WGS-84 User definable
Bluetooth Interface of operation	SPP compatible, version 2.0 compliant, class-2 operation, 4dBm output level Up to 10m
LED Indicator	Blue - Bluetooth status ; Red - Battery low Green - Charging battery ; Yellow- GPS status
Switch	Tact switch ON / OFF
Battery	For battery socket Li-ION rechargeable battery (700 mA)
Input Voltage	5V DC
Power Consumption	< 46mA (1Hz standard version)
Dimension	73mm L x 44mm W x 21mm H
Weight	60g (Including Battery)
Operating Temperature	-40oC ~ +85oC
Humidity	5% ~ 95%