

Operational Description of the equipment

The RoyalTek BlueGPS™ product is a wireless GPS receiver to provide real time navigation data to mobile device such as PDA, tablet PC and notebook. The device dimension is 105(L)x 55.5(W) x 26 (H) mm and built-in battery. The totally wireless GPS receiver makes things easy to any application including navigation and position, velocity, time information providing. It provides efficient power management and RoyalTek know-how BlueGPS™ and high sensitivity performance. The BlueGPS™ can last more than 10 hours in continuous operation mode. Its mobility always can keep best GPS receiving performance, and can provide excellent navigation to any kind of mobile devices.

BlueGPS™ also provides mobile off-line GPS data logging capability with RoyalTek's technology in BlueGPS™. And we also provide many useful applications in host for keeping more than 30,000 records of data bank for analysis. It can be integrated as wireless and mobile data logger for any fleet management, heavy logistics and dangerous goods transportation.

PRODUCT	BlueGPS
MODEL NO.	RBT-3000
POWER SUPPLY	+5 Vdc
CABLE	N/A
I/O PORT	Bluetooth
FREQUENCY BAND	2400~2483.5 MHz
CARRIER FREQUENCY	CH0: 2402MHz~CH78: 2480MHz
NUMBER OF CHANNEL	79
CHANNEL SPACING	1 MHz
RATED RF OUTPUT POWER	-4 dBm
I.F. & L.O.	4 MHz
MODULATION TYPE	GFSK
BIT RATE OF TRANSMISSION	1 MHz
ANTENNA TYPE	Chip antenna
ANTENNA GAIN	2.5 dBi peak