



Royal Tek RBT 21 10 Specifications

General	
Chip Set	SiRF StarIII
Frequency:	L1,1,575.42 MHz
Code:	C/A code
Channels:	20 Channels all-in-view tracking
DGPS Source:	SBAS(WAAS,EGNOS)
System Back Up:	Replaceable built-in Li-Ion battery
Accuracy	
Position:	10m 90%
Velocity:	0.1 meters/second, without SA
Time:	1 microsecond synchronized to GPS time
Acquisition Time	
Requisition Time:	0.1 sec.
Cold Start:	42 sec.
Warm Start:	35 sec.
Hot Start:	1 sec.
Dynamic Conditions	
Altitude:	<18,000 meter
Velocity:	<515 meter/second
Acceleration:	<4g
Interface	
Connection:	Bluetooth(Class 2) Serial Port Profile
Protocol:	GGA,GLL,GSA,GSV,RMC,VTG,57600
Power	
Antenna type:	Built-in Antenna (external antenna optional)
Physical characteristic	
Dimension:	72.2 (L) x 41.0 (W) x 31.2(H) mm
Environment	
Operation Temperature:	-10 °C ~ +60 °C
Storage temperature:	-20 °C ~ +70 °C
Relative Humidity:	5% ~ 95%
Battery	
Battery	Rechargeable 1700 mAH lasts
Operation time	17hr at full charge continuous
Weight	85.7 g
A/C adapter	Yes
Universal A/C compatibility	Yes
Car charger	Yes

