

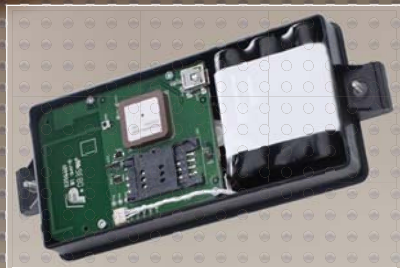
Skypatrol product specifications

# Passport

Remote Asset Tracking Device

passport

SERIES



- Up to three years or more of operation
- Fully Integrated-no need for external antenna or power source
- Wireless Connection Reliability
- Superior GPS Sensitivity & Geofencing
- Simplified Over the Air Configuration & Provisioning



**GPS Tracking** Solutions

**skypatrol**<sup>®</sup>

# Passport

## Quad Band GPS & GSM Tracking Platform

passport  
SERIES

### Characteristics

Dimensions (L x W x H) 146.7x63x20.4 mm  
Weight <168 g (with Battery)  
<110g ( w/o Battery)

### Radio Performance

Frequency (MHz) 850/900/1800/1900  
Transmit power Class 4 (2W@850/900 MHz)  
Class 1 (1W@1800/1900 MHz)  
Sensitivity -108 dBm(typical)

### GPRS Packet Data

Mode Class B, Multislot, Class 10  
Protocol GSM/GPRS Rel 97 AMR Rel 99  
Coding schemes CS1-CS4  
Packet channel PBCCH/HCCCH

### GSM Functionality

GSM SMS Text, PDU,MO/MT, Cell Broadcast

### SIM ACCES

1.8 /3V SIM

### GPS Functionality

Channels 12  
**SENSITIVITY:**  
Monitoring -159 dBm(typical)  
Reacquisition -158 dBm(typical)  
Cold Star -145dBm(typical)

### POSITION ACCURACY(HORIZ)

-130 dBm Autonomous CEP(50%) 1M (typical)  
-150 dBm Autonomous CEP(50%) 7M (typical)  
-130 dBm Autonomous CEP(95%) 3M (typical)  
-150 dBm Autonomous CEP(95%) 15M (typical)

### Interface

Internal Protocols UDP API, TCP API  
API Control/Status AT Commands, UDP API, TCP API,  
AT Commands over SMS  
Physical interface Internal USB,  
Luminated External Power Switch,  
Flexible Mounting

### Environment

Operating -30°C to 85°C  
Compliant -20°C to 60°C  
Storage -40°C to 85°C  
IP Rating IP65

### Power

DC Voltage 3.3 to 4.5 Vdc  
GSM Operating power (typical) @3.8 Vdc

### Battery

Enfora PN BAT-0007-0001  
Chemistry Lithium-Thyonil Chloride  
Capacity 4200 mAh @RT

	Band	Mode	Avg	Peak (A)
System		Idle	< 5 µA	
GPS		Average	< 80mA	
		Acquisition Monitoring	< 20mA	
GSM	850 & 900	1TX/1RX	285 mA	1.6
		1TX/1RX	240 mA	1.3
	1800 & 1900	Idle	<2.5 mA DRX 5	

### Certifications

FCC Parts 2, 15, 22 & 24  
GCF Version 3.30.1  
PTCRB Version 4.0.0  
CE Mark Yes  
RoHS Compliant Yes  
Industry Canada Yes

Specifications subject to change.



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