

Specifications GlobeSpot GPS-Tracker

Data Communication

| | | |
|-------------|--|--------------------|
| Modem | Telit GE865 QUAD-band 850/900/1800/1900 GPRS | |
| RF Power | Class 4 (2W) @ 850 / 900 MHz Class 1 (1W) @ 1800 /1900 MHz | |
| Sensitivity | 850/900 MHz GPRS | -107 dBm (typical) |
| | 1800/1900 MHz GPRS | -106 dBm (typical) |
| Data | GPRS | Class 10 |
| | Coding schemes | CS1 to CS4 |
| SMS | Point-to-Point mobile originated & mobile terminated Cell Broadcast | |

GPS Reception

| | | |
|-------------------------|---|----------|
| GPS Receiver | 65 channel Venus634LPx | |
| Frequency | L1 1575.42 MHz | |
| Acquisition Time (TTFF) | Hot start | < 1 sec |
| | Cold start | 29 sec |
| Position Accuracy | 2.5 meter (CEP), 2 meter (CEP with WAAS, EGNOS) | |
| Sensitivity | Cold start | -148 dBm |
| | Re-acquisition | -155 dBm |
| | Tracking | -161 dBm |
| Antenna | Passive, active, Helix | |

Physical

| | | |
|--------------------|----------------|----------------------------|
| Outside Dimensions | Size | 100x50 mm |
| | Height | 27.9 mm |
| | Weight Approx. | 120 grams |
| Connections | GPRS/GSM | Internal antenna |
| | GPS | Internal antenna |
| | Power/IO | Female Micro USB Connector |

Electrical

| | | |
|----------------------|--|---|
| Charging Voltage | • 5V ±10%, 500mA (USB compatible) | |
| Power Consumption | <ul style="list-style-type: none"> • <1 mW standby, • 175 mW tracking , full power. Approx. 9 W peak during data transmission • Power consumption depends on amount of GPRS traffic and GPS & GSM signal strengths | |
| External Connections | Input / Output | 1x digital open collector output port, max 31V / 10mA / 100mW 1x digital input port, max 31V, ~50K pulldown |

Environmental

| | |
|-----------------------|---|
| Enclosure | ABS plastic with rubber coating. IP67 waterproof rating |
| Operating Temperature | -25°C to +85°C (-13°F to +185°F) non-condensing |
| Storage Temperature | -40°C to +85°C (-40°F to +185°F) non-condensing |

Miscellaneous

| | |
|----------------------|---|
| Maximum items in log | 55,000 |
| Backup Battery | Li-Ion 2400mAh with overcharge protection |



All specifications and images are not contractual and subject to change without prior notice.