# USGlobalSat

## Bluetooth Comparison Chart

| | BT-335 | BT-359 | BT-368 | BT-821 |
|---|---|---|---|---|
| | | | | |
| Chipset | SiRF StarIII | SiRF StarIII | SiRF StarIII | SiRF StarIII |
| Channels | 20 | 20 | 20 | 20 |
| Protocol | NMEA | NMEA | NMEA | NMEA |
| SBAS | WAAS/EGNOS | WAAS/EGNOS | WAAS/EGNOS | WAAS/EGNOS |
| Bluetooth Profile | Serial Port Profile (SPP) | Serial Port Profile (SPP) | Serial Port Profile (SPP) | Serial Port Profile (SPP) |
| Connection Type | Bluetooth | Bluetooth | Bluetooth/USB | Bluetooth |
| Frequency | 1575.42 MHz | 1575.42 MHz | 1575.42 MHz | 1575.42 MHz |
| Antenna Type | Built-in Patch | Built-in Patch | Built-in Patch | Built-in Patch |
| RoHS Compliant | Y | Y | Y | Y |
| Sensitivity - Tracking | -159dBm | -159dBm | -146dBm | -158dBm |
| Battery Type | Li-Ion Rechargeable | Li-Ion Rechargeable | Built-in Li-Ion Rechargeable | Li-Ion Rechargeable |
| Battery Life | 18 hours of continuous use | 11 hours of continuous use | 10 hours of continuous use | 23 hours of continuous use |
| Charging Time | 4 - 6 hours | 3 - 4 hours | 3 - 4 hours | 4 - 6 hours |
| Operation Voltage (DC) | 4.5 - 5.5 | 4.5 - 5.5 | 4.5 - 5.5 | 4.5 - 5.5 |
| Battery Capacity (mAH) | 1650 | 1100 | 700 | 1100 |
| Current Draw (mA) | 85 | 85 | 70 | 85 |
| Power Consumption (mW) | 425 | 425 | 350 | 425 |
| Operation Temperature | -20 C ~ 60 C | -10 C ~ 60 C | -10 C ~ 60 C | -10 C to 60 C |
| Storage Temperature | -30 C ~ 80 C | -20 C ~ 70 C | -20 C ~ 70 C | -20 C to 80 C |
| Operation Humidity | Up to 95% non-condensing | Up to 95% non-condensing | 5% to 95% non-condensing | 5% to 95% non-condensing |
| Dimensions (inches) | 2.85X1.6X1 | 3.22x1.6x0.5 | 2.75x1.57x0.36 | 2.85x1.6x0.9 |
| Dimensions (mm) | 72.5x40.4x26 | 82x41x31.4 | 70x40x9.2 | 72.5x40.4x23 |
| Weight (oz) | 2.64 | 2.2 | 0.96 | 2.75 |
| Weight (g) | 75 | 62.4 | 27.21 | 78 |
| History | BT-338 | N/A | N/A | N/A |