

Spider S3 Technical Specification



Power Supply

| | |
|------------------------|-------------------------------------|
| Input Voltage | 10 – 32 V DC |
| Power consumption | 100mA at 12 V DC |
| Peak power consumption | 1A at 12V DC |
| Power connection | Cigarette lighter plug or hardwired |
| Transmission power | 1.6W (max during transmission) |

Physical Characteristics

| | |
|---------------------|--|
| Weight | 0.35 lb (159g) |
| Dimensions | 3.5" x 4.7" x 1.0" (89mm x 119mm x 25mm) |
| Three button Keypad | Attached to Spider front face |
| Enclosure Material | Makrolon 2807 |
| Bracket | Steel with 3M VHB adhesive backing |

Internal components

| | |
|-------------------------|------------------|
| GPS | Ublox Neo 6Q |
| GPS TTFF: Hot/Warm/Cold | <1/29/29 seconds |
| Iridium Modem | SBD 9602 |
| PCB | |

Limits and performance

| | |
|-----------------------|-------------------------------|
| Operating Temperature | -13 ~ +158 °F (-25 ~ + 70 °C) |
| Altitude | 60 000 feet (18300m) |
| Speed | 971 knots (500 m/s) |
| GPS accuracy | Within 8 Feet (2.5m) |