

Spider Technical Specifications

Specs	Spider S3	Spider S4	Spider S5
Coverage - Global real time	Yes	Yes	Yes
Portable	Yes	Yes	Yes
Supplemental Type Certificate	N/A - Carry On Equipment	N/A - Carry On Equipment	N/A - Carry On Equipment
Certified installation required	No - Secured with adhesive bracket	No - Secured with adhesive bracket	No - Secured with adhesive bracket
Certification	DO160F sections 15 (category Z) and 21 (category M)	Pending	No
Power connection	Cigarette lighter plug or hardwired	Cigarette lighter plug or hardwired	Cigarette lighter plug or hardwired
Input Voltage	10 – 32 V DC	10 – 32 V DC	10 – 32 V DC
Power consumption	100mA at 12 V DC	100mA at 12 V DC	100mA at 12 V DC
Panel mount	No	No	No
Weight	0.35 lb (159g)	0.7 lb (310g)	0.36 lb (165g)
Dimensions	3.5" x 4.7" x 1.0" (89mm x 119mm x 25mm)	6.5" x 3" x 1.5" (165mm x 78mm x 37mm)	3.5" x 4.7" x 1.0" (89mm x 119mm x 25mm)
Keypad	Attached to spider	External to spider	Attached to spider
Manual SOS	Yes	Yes	Yes
Watch enabled	Yes	Yes	Yes
Mark messages	Yes - up to 4	Yes - up to 4	Yes - up to 4
Radius - manual suspension of reports	No	Yes	No
Geofence	Yes	Yes	Yes
Bluetooth	No	Yes, Spidertxt	Yes, Spidertxt
GPS	Ublox Neo 6Q	Ublox Neo 6Q	Ublox Neo 6Q
GPS TTFF: Hot/Warm/Cold	<1/29/29 seconds	<1/29/29 seconds	<1/29/29 seconds
Iridium Modem	SBD 9602	SBD 9602	SBD 9602
Operating Temperature	-13 ~ +158 °F (-25 ~ + 70 °C)	-13 ~ +158 °F (-25 ~ + 70 °C)	-13 ~ +158 °F (-25 ~ + 70 °C)
Altitude limit	60 000 feet (18300m)	60 000 feet (18300m)	60 000 feet (18300m)
Speed limit	971 knots (500 m/s)	971 knots (500 m/s)	971 knots (500 m/s)
GPS accuracy	Within 8 Feet (2.5m)	Within 8 Feet (2.5m)	Within 8 Feet (2.5m)
External Antenna	N/A	N/A	N/A
AFF compliant	Yes	Yes	Yes