

spidertracks

Spider **S4** The Details

WATCH Active monitoring of the flight. If the Spider stops transmitting, the system automatically sends emergency text and email SOS messages to two tiers of support people. Watch turns on automatically when you take off, or can be manually activated in flight.

SOS Press Radius and Mark together and messages are sent immediately via email and text to two tiers of support people. If the alert is not resolved within 15 minutes it is escalated to the second tier. Position reporting increases to 30 seconds and because the SOS message contains your last reported position, rescue services can find you fast.

MARK Mark a spot on your track or send up to four customized preset text and/or email messages via satellite from anywhere in the world, from the air or on the ground in remote regions where there is no mobile or radio coverage.

RADIUS Press to suspend position reports while inside the radius area. Normal tracking will resume on exiting the radius area. You can set the Radius distance online.

BLUETOOTH Spidertxt, purchased online, allows two way communication anywhere in the world. Send text messages through the Spider by connecting it via Bluetooth with a Smartphone loaded with Spidertxt software.

GOEFENCE Specify up to five circles, either overlapping or not, that have different update rates and conditions to your normal settings. These can be used to dramatically reduce the cost of operation when flying around a particular area where tracking is not necessary.

COVERAGE Global coverage with 66 Iridium low earth orbit.

PORTABLE Internal antenna - no external aerials required. Plugs into the aircraft's auxiliary power source and can be shared between aircraft or vehicles.

SATELLITE NETWORK

Position report data is transmitted through the Iridium Satellite Network in real-time.

CERTIFICATION A

Supplemental Type Certificate is not required. The portable Spider is carry on or role equipment. For installation the Spider can be secured with an adhesive bracket.

AFF Spidertracks and the S4 are AFF compliant, allowing data to be sent to organisations such as the US Forest Service.



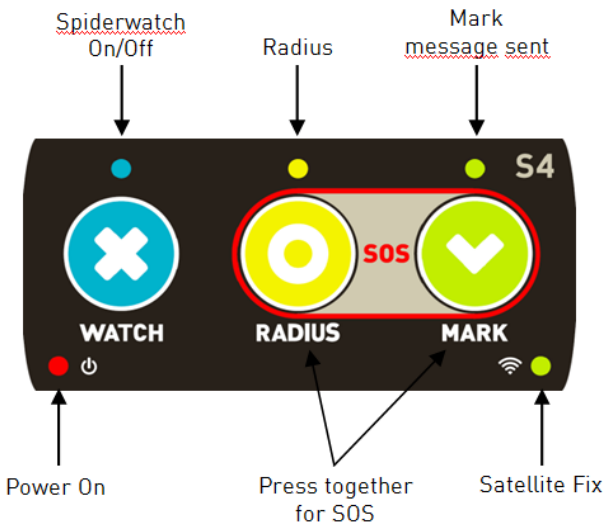
POWER SOURCE

Vehicle auxiliary power. A cigarette lighter plug is supplied. The unit can be hard wired by a LAME. The brown wire is power and the black wire is ground. The blue wire can be cut. It is recommended that a 1A fuse be put in the line.

We can supply an external battery from the HyperMac

battery range – please note we do not advise the use of a battery if the Spider S4 is being used as an emergency location and alerting system.

UPDATER CABLE PORT Use the provided cable to connect the Spider S4 to your computer. Spidertracks post information whenever a new firmware update is available.



GO FLYING!

The green LED gives visual confirmation that the Spider is communicating with the website. The blue LED will turn on and stay lit when Watch is activated. When Watch is cancelled, the LED will flash until the Spider receives confirmation from the website that the cancel message has been received. The LED brightness can be changed by holding the Mark button down and releasing when the desired level is reached.

Technical Details

SIZE 6 1/2" x 3" x 1 1/2"
(165mm x 78mm x 37mm)

WEIGHT 0.7 lb (310g)

OPERATING TEMP
-13 ~ +158°F (-25 ~ + 70 °C)

MODEM Iridium SBD Modem
9602, 1625 MHz



INPUT VOLTAGE

+ 10 ~ +32 VDC

POWER CONSUMPTION

Operating <- 100mA at 12 VDC with reverse polarity protection.

GPS Ublox Neo 5Q

FREQUENCY L1, 1575 MHz

CHANNELS < 50

POSITION ACCURACY

within 8' (2.5m)

OPERATING PARAMETERS

60.000 ft (18.300m)

971 knots (500m/s)

PRICING:

Please refer to spidertracks.com for latest S4 and data plans pricing.

WARRANTY 12 months from first registration. Please see terms and conditions for details. Extended warranty is available.

DISCLAIMER Spider S4 works best with a clear view of the sky. While the S4 may transmit through fibreglass and some other materials, the efficacy of the S4 may be inhibited if placed under heated windscreens in newer aircraft. Please see Terms and Conditions for full details.