

Spider Tracks Limited
PO Box 5203
Palmerston North 4441
New Zealand

Spider S4 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	0.7 lb (310g)
Dimensions	6.5" x 3" x 1.5" (165mm x 78mm x 37mm)
Three button Keypad	On 1.5m lead
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
Bluetooth	Bluegigga WT12-A-A13
PCB	

Limits and performance

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