

spidertracks

Spider 8 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	0.36 lb (165g)
Dimensions	3.8" x 5.1" x 1.1" (97mm x 130mm x 30mm)
Three button Keypad	External on 2m lead
Enclosure Material	Makrolon 2807
Bracket	Steel with 3M VHB adhesive backing

Internal components

GPS	Ublox Neo M8Q
GPS TTFF: Hot/Warm/Cold	<1/29/29 seconds
Iridium Modem	SBD 9602
Bluetooth	Bluegigga BLE113

Limits and performance

Operating Temperature	-13 ~ +158 °F (-25 ~ + 70 °C)
Altitude	60 000 feet (18300m)
Speed	971 knots (500 m/s)
Horizontal positioning accuracy	Within 8 Feet (2.5m)
Vertical positioning accuracy	95% within 12.3 Feet (3.75m)