

GUARDIAN | 3

The Guardian 3 is a versatile aircraft tracking product that comes as either a portable or permanently installed device that runs on the Globalstar network. This product comes with various antenna configurations and is ideal for AFF compliance or fleet operators who require aircraft location and status information.

SPECIFICATIONS

PHYSICAL	Size: W 160mm x H 44.5mm x D 114.3mm
	Weight: 300 g (0.65 lb)
ENVIRONMENTAL	Operating temperature: - 30 °C to + 60 °C
	Storage temperature: -40 °C to + 80 °C
	Enclosure material: GE Ultem 9085 resin
POWER	Power input: 9-28 VDC
	Power consumption: < 1 Watt average, 3 Watts peak
TRACKING	Configurable tracking reporting interval
COMMUNICATION	Globalstar satellite modem
	Frequency range: 1611.25 MHz to 1618.75 MHz
ANTENNAS	External GPS antenna connector: Reverse polarized SMA, 50 ohm
	External Globalstar antenna connector: SMA, 50 ohm
	Internal GPS antenna: Gain: 2.0db @ 90 degrees, Polarization: RHCP, Axial ratio @ 90 degrees: 3 db maximum
	Internal Globalstar antenna: Gain: 2.0db @ 90 degrees, Polarization: RHCP, Axial ratio @ 90 degrees: 3 db maximum
GPS	12 channel tracking sensitivity -156 dBm

