

# GUARDIAN | 7

The Guardian 7 is a cost-effective full-featured system in a small form factor that offers real-time aircraft tracking, text messaging and automated data transmission including OOOI (Out, Off, On, In) times. The Guardian 7 operates on an open platform and has the ability to integrate with existing systems. This is a modular system with multiple interfaces and six digital inputs.

## SPECIFICATIONS

<b>PHYSICAL</b>	Enclosure size:
	W 112mm x H 114mm x D 173mm
	Mounting plate size:
	W 137mm x H 2mm x D 194mm
	Weight: 2.7 kg (6 lbs)
	Enclosure material: Aluminum
<b>ENVIRONMENTAL</b>	Operating temperature: - 30 °C to + 60°C
	Storage temperature: - 40 °C to + 80°C
<b>POWER</b>	Power input: 9-28 VDC
	Power consumption: 12 Watts
<b>INTERFACES</b>	Connectors: 2 USB, 2 COM, 1 Ethernet, I/O and Power
	RF Interfaces: Iridium TNC, GPS SMA
	6 discrete digital inputs
<b>TRACKING</b>	Configurable tracking reporting interval
<b>COMMUNICATION</b>	Iridium 9602 SBD modem
<b>ANTENNAS</b>	External antenna TSO certified dual GPS/Iridium
<b>GPS</b>	48 channel Ultra high tracking sensitivity -163dBm
	SIRFstarIV™ technology **

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