

Pole Star Platform

Globalstar SmartOne

Reliable, simple and cost-effective satellite tracking for unpowered marine assets, barges, “dead” tows and unattended installations.

Choose Globalstar SmartOne when you need to track unpowered marine assets in remote locations and inhospitable environments. Globalstar SmartOne offers reliable position reporting, near-global coverage via the Globalstar satellite network and an integrated GPS, all housed within a tough polycarbonate enclosure.

Small enough to fit in your hand, the vessel-ready Globalstar SmartOne is easy to install without the

need for harnesses, antennae or an external power supply. The smallest, lightest device in Pole Star’s range, Globalstar SmartOne is ideal when space and time on board is limited.

Ideally suited for monitoring unpowered assets, barges and unattended installations, Globalstar SmartOne is intrinsically safe and powered by 4 x 1.5 V lithium batteries providing up to 2+ years of regular reporting.

SmartOne B



SmartOne C



 Globalstar

Key Benefits

- “Fit and forget” vessel-ready terminal
- Rugged, reliable and engineered for extreme temperatures and conditions
- Requires no harnesses, no external power and no external antennae
- Compatible with the Pole Star platform
- Low-maintenance
- Certified intrinsically safe
- Choose from either one or six or 24 positions per day

Globalstar SmartOne B Technical Specification

Physical	
Overall dimensions	16 cm x 8.7cm x 2.4 cm
Weight	295 g without batteries; 385 g with batteries



Environmental	
Operating temperature range	-30°C to +60°C
Environmental rating	IP68

Position reporting	
Automatic position reporting	Yes - choose 1/day, 6/day or 24/day
On-demand position reporting	No

GPS	
Type	Integrated

Power	
Power source	4 x 1.5 V AA lithium batteries (not included)
Battery life	Up to 2+ years

Satellite	
Satellite service	Globalstar
Coverage	

Certifications/Compliance	
Satellite	Intrinsic Safety (UL Class 1, Division 1 Groups A, B, C, D) for US and Canada. FCC CFR Parts 15 and 25 Industry Canada, CE Mark (European Certification), COFETEL
Standards	NEMA 4X / IP68 RoHS Compliant



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Globalstar SmartOne C Technical Specification

Physical	
Overall dimensions	6.9 cm x 8.3 cm x 2.5 cm (with brackets)
Weight	102 g with 4 batteries and mounting hardware



Environmental	
Operating temperature range	-30°C to +60°C (The unit shall remain operational over the -40° to +85°C range, though may experience battery life and RF signal degradation)

Position reporting	
Automatic position reporting	Yes - choose 1/day, 6/day or 24/day
On-demand position reporting	No

GPS	
Type	Integrated

Power	
Line power	5v DC or 8-22v DC with regulator cable
Battery type	4 x AAA 1.5 V lithium
Battery life	Up to 1.5 years

Satellite	
Satellite service	Globalstar
Coverage	

Certifications/Compliance	
Satellite	ANATEL Certification for Brazil (pending), FCC CFR Parts 15 and 25, Industry Canada, CE Mark (European Certification), COFETEL (pending)
Standards	SAE J1455 MIL STD 810, NEMA 4X / IP68, RoHS Compliant



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