

Iridium® IoT Product Comparison



Iridium Edge®



Iridium Edge® Pro



Iridium Edge® Solar

Form Factor	Standalone	Standalone with GPS, Java Programmable	Standalone with GPS, Configurable Profiles
Dimensions (LxWxH)	130 mm x 80 mm x 30 mm	127 mm x 90 mm x 41 mm	164 mm x 71 mm x 33 mm
Weight	330 g	200 g	470 g
Interfaces	AT + Command, RS 232	4 I/O , CANbus, RS 232, RS 485	BLE
Power Requirements	9-32 V	7-40 V	Internal Non-Rechargeable & Solar Chargeable Batteries
Power Consumption (Average)	Transmit Slot (Max) 1.6 W Power On – Max. Current 0.5A Operational – Max. Current 0.3A	Receive : 0.6W GNSS : +0.6W	Harvests Energy from the Sun
Operating Temp. Range	-40°C to + 85°C	-40°C to + 85°C	-40°C to + 85°C
Environmental Specs	SAE J1455**, IP 67	SAE J1455**, IP 67	SAE J1455**, MIL-STD-910, IP 68
Typical Applications	Asset Tracking, Fleet Management, Environment & Safety Monitoring, Remote Automation & Control	Fisheries, Vessel & Fleet Management, Remote Monitoring	Oil & Gas, Transportation, Agriculture, Surface Mining, Asset & Vehicle Tracking
Development Kit	✓	✓	✓
Services	SBD®	SBD®	SBD®
Average Latency	<20 Seconds per 340 Bytes (MO)	<20 Seconds per 340 Bytes (MO)	<20 Seconds per 340 Bytes (MO)
Certifications	US (FCC), EU (CE Mark)**	US (FCC), EU (CE Mark)**	US (FCC), EU (CE Mark)**