Siren 3 Pro Technical Specifications

General

Physical Dimensions	6.5 in x 4.5 in x 1.25 in
Weight	1 lb
User Interface and Diagnostics	Status LEDs on unit App for iOS and Android platforms
Cellular Technology	4G/5G CAT-M1
GNSS	Internal passive antenna with support for optional remote mountable external active antenna GPS/GLONASS with SBAS
Firmware Upgradeability	Over the Air (OTA) for both Siren 3 Pro and wireless sensors
Antennas	External antennas for optimal signal transmission/reception Cellular (external) GPS WiFi (internal) Bluetooth (internal)

Electrical

Input Voltage Range	9–30 VDC
Back-up Battery	Internal Lithium Polymer backup battery to keep Siren 3 Pro system running for up to 48 hours with loss of main power source

Environmental

Temperature	-40°C to +85°C (Storage)
	-15°C to +55°C (Operational)
Humidity	0 to 90% RH
Ingress Protection	IP67

Mounting

Mounting Bracket	Snap in bracket provided for mounting
Bracket Screws	4

***Preliminary**

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Connectivity

Wired Inputs	Battery Voltage Monitor (2x)
	Remote Arm/Disarm Switch
	High-Water Sensor (2x)
	Security Monitor (3x)
	Ignition/Engine Hours
	Shore Power Sensor
	Battery Switch
Wired Outputs	Blue Sea Battery Control Switch (#7713)
	Relay Control (3x)
Cable	Interface cable with mating connector of 1 meter length provided for wired inputs and outputs with 24 AWG conductors.
Connectivity	Expansion/optional satellite connectivity
	RS232 and RS422
Controller Area Network	CAN1 NMEA 2000
	CAN2 Reserved/Custom Protocols
Wireless Interface	Sub GHz proprietary protocol supporting bi-directional communications capability and OTA firmware upgrade capability
WiFi & Bluetooth	WiFi & Bluetooth Low Energy (BLE) hardware included for future capability

Certifications

Fully Certified	FCC Part 15, Subpart B, Class B
	EN60945
	CE

*Preliminary