

# Rypar SX PRO

The Rypar SX Pro is an advanced and feature rich, self-sustaining telemetry device, suitable for the most challenging environments and applications. Whether you are monitoring for compliance, in ultra-remote locations, or mission critical operations, the SX PRO delivers reliable and versatile performance.

The device can power high current sensors with a mighty 12v 1A sensor output and can be used for constantly powered sensors with an external solar panel. With a relay + 12V auxiliary output it can turn on pumps or open valves. Set up is simplified with easy to access IO for all the common sensor protocols.

The Rypar SX PRO is an easy to deploy system for dependable telemetry no matter the application.

## Features

### Sensor Compatibility

- Sensor Interfaces:
  - RS485
  - RS232
  - SDI-12\*
  - 4-20mA
  - Pulse Low Speed (<30Hz)
  - Pulse High Speed (>30Hz)

### Output

- 12V 1A Sensor Power Output
- 5V 0.5A Sensor Power Output
- Relay and 12V Auxiliary Output\*

### Input

- External Solar up to 40W
- External Battery Pack

### Communications

- LTE Cat M1
- Optional Iridium SBD Satellite
- High gain external antenna as standard
- Onboard GPS location

### Battery and Power

- Integrated Solar Panel
- 31Whr LiFePO4 high temp battery

### Security

- Secure Encrypted Connection
- Tamper Detection (optional)

### End Point Compatibility

- Multiple platform integrations
- Custom end points available
- SD card logging



\* Feature Coming 2024