

# Rypar

## S1 Mini

The Rypar S1 Mini is a compact, self-sustaining telemetry device which takes all the essential features from the SX PRO and delivers them as an easy to use and cost effective solution for most monitoring applications.

It is easy to connect low power sensors with its 12v 0.2A output and internal wire terminal block.

Incorporating top end features and a design focused on usability, the S1 Mini is ideal for mass deployments and presents game changing value.

## Features

### Sensor Compatibility

- Selectable Sensor Interface Including:
  - RS485 + Pulse + 4-20mA
  - RS232 + Pulse + 4-20mA\*
  - SDI-12 + Pulse + 4-20mA\*
  - 4x Pulse\*
  - UART + I2C

### Output

- 12V 200mA Sensor Power Output
- Other output voltages available on request.

### Communications

- LTE Cat M1
- High gain external antenna as standard
- Onboard GPS location

### Battery and Power

- Integrated Solar Panel
- 10.5Whr LiFePO4 high temp battery

### Security

- Secure Encrypted Connection
- Tamper Detection (optional)

### End Point Compatibility

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

### OEM Sensors

- Radar Water Level
- Hydrostatic Water Level
- Rain Gauge
- Float Switch
- Soil Moisture



\* Feature Coming 2024