Mount and power level sensors on silos without the expense of wiring. The SPL-200 sensor installs quickly through a 1.5” NPT connection. Powered by a Lithium battery, it measures solids in silos up to 98 feet tall in low or no-dust environments. It takes interval readings once per hour with a battery life of three to five years. LoRa long range communications send measurements to the BinView web application or Binventory software for easy access from your phone, tablet, or desktop PC.
Features that make sense

**Simplicity:** No complex connections or confusing wiring diagrams. Sensor just screws into a fixed or aimed mounting plate. Battery replacement is as easy as a flashlight.

**Affordable:** Eliminate wiring a power supply to the sensor. The cost of an electrician and wiring components can often double the cost of sensor installation.

**Versatile:** Omitting wiring allows sensors to be mounted virtually anywhere – outside a plant, in large facilities, or in remote areas—using long range LoRa communications.

**Accessible:** Sensor data is sent to the BinView web application where it can be viewed on a phone, tablet, or desktop PC. Set automated high and low level alerts.
**SPL-200 Simplifies Sensoring**

**Easy as 1, 2, 3…**

1. **Install the Sensor:** Cut a 2.5” hole in the silo. Then, choose from an adjustable 0° to 40° swiveling mounting plate or a fixed mounting plate with 0°, 5°, 10°, or 30° angle.

2. **Power and Aim the Sensor:** Insert the battery and aim the sensor to the desired measurement point.

3. **Connect to the Cloud:** Connect the LG-100 gateway to the internet via cellular or ethernet. You are ready to access data from BinView or Binventory.

*All set. Ready for readings!*
Data Monitoring

Get remote monitoring via your phone, tablet, or PC and 24/7 monitoring from the BinView web application anywhere there’s internet access. Alternately, use Binventory software for LAN-based monitoring from a desktop PC. Both options provide accurate, reliable bin information that updates automatically after each measurement. Get automated alerts via email or SMS text message. Historical reporting optimizes ordering and logistics. Never run out again!

Adjustable or Fixed Mounting Options

**Fixed Mount**

Fixed mounting kits include a welded mounting plate and a sealing gasket. Available in fixed angles of 0°, 5°, 10°, or 30°.

**Adjustable Swivel Mount**

Adjustable swivel mounting plates offer the ability to alter the angle from 0° to 40° to aim the sensor to the desired location.

SPL-200 Specifications

- **Ambient Operating Temperature**
  Standard: -30°F to 149°F (-30°C to 65°C)

- **Ingress Protection**
  IP66, NEMA 4X

- **Mounting**
  1.5" NPT standard internal threaded

- **Measurement Frequency**
  Programmable typically once per hour to conserve battery

- **Battery Life**
  3 to 5 years dependent on frequency of measurement

- **Data Reporting**
  Reports energy consumption to project battery life

- **Environmental**
  Low to no-dust, non-hazardous environments