The battery-powered FVL-200 FeedView™ level sensor eliminates the expense of wiring and simplifies setup, addressing the installment and investment concerns of feeding operations. The FVL-200 sensor installs quickly through a 1.5” NPT connection using an adjustable swivel mount or fixed angle mounting plate. Powered by a Lithium battery, it measures livestock feed in silos up to 35 feet tall. It takes interval readings once per hour with a battery life of three to five years. LoRa long range communications send measurements to the FeedView™ web application for easy access from your phone, tablet, or desktop PC.
Sensors with Sensibility

1. Battery-powered installation simplifies and eliminates wiring.

2. Long battery life of three to five years, depending on frequency of measurement.

3. 1.5” NPT threaded mounting with optional fixed or adjustable mounting plates.

4. Single point measurement at distances up to 35 feet.

5. Easy-to-use FeedView™ web application for data monitoring and alerts.

6. LoRa transceiver for reliable long-range data communications up to one mile line-of-sight.

7. Programmable time intervals for sending measurement data—every hour, every day, or something in between.

8. Dust tube protects sensor from dust buildup to minimize maintenance.

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 FeedView™ web application where it can be viewed on a phone, tablet, or desktop PC. Set automated high and low level alerts.
FVL-200 Simplifies Sensing

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 LoRa gateway to the internet via cellular or ethernet. You are ready to access data from FeedView™.

All set. Ready for readings!
FeedView™ Data Monitoring

Get remote monitoring via your phone, tablet, or PC and 24/7 monitoring using the FeedView™ web application. FeedView™ is a comprehensive software that automatically updates bin levels, projects feed consumption, and can help manage medicated feeds (VFD) and delivery schedules.

Get 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.

FVL-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