

dataTrack™ Pulse Counter

The **Pulse Counter** is connected to the KYZ outputs from your gas, water, and electricity utility meters. The data is sent via Long Range (LoRa) radio frequency to the hub. See the data used by the utilities to create your bill, all in real time and on the portal



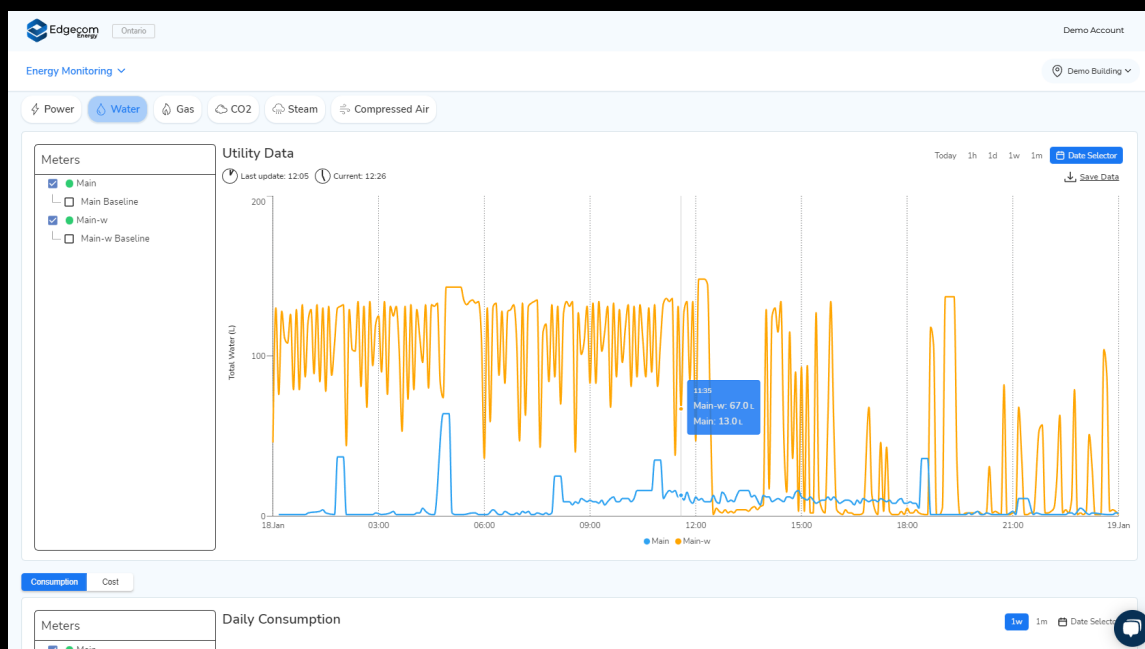
Meter Your Mains
Monitor water, gas, and electricity in real time



Maintain Your Costs
Get live utility costing without having to wait for the bill

KEY FEATURES

- Battery powered - no power supply required
- Collects information on gas, water, and electricity
- Easy installation, 2 wire output. One to “K” & other to “Y” or “Z” from meter KYZ output
- Strap on LoRa pulse counters available for certain water meter application
- Variance of +/- 1% accuracy



dataTrack™ Pulse Counter Spec Sheet



ELECTRICITY

- Input Power 2x3.6VER14505 AA Size lithium batteries (3.6V2400mah/section)
- Standby Current 25uA
- Receiving Current 11mA @3.3V (max)
- Transmitting Current 127mA/3.3V (Max)
- Battery Measurement Accuracy $\pm 0.1V$
- Pulse Resolution $> 50mA$

FREQUENCY

- Frequency Range 928MHz
- TX Power US915 20dbm
- Receiving Sensitivity -136dBm (LoRa, Spreading Factor=12, Bit Rate=293bps)
- Antenna Type Built In antenna
- Communication Distance Up to 10 km (visible linear obstacle-free transmission distance, actual transmission distance depends on the environment)
- Data Transfer Rate LoRa: 0.3kbps~50kbps
- Modulation LoRa
- Supportable LoRaWAN Band US902-928

PHYSICAL

- Main Body Dimension Host body: L: 129 mm *W: 67 mm *H: 41 mm
- Host Body Weight apx 200g
- Environment Temperature Range -20C~ 70C
- Environment Humidity Range <90%RH (No condensation)
- Mounting Screw

