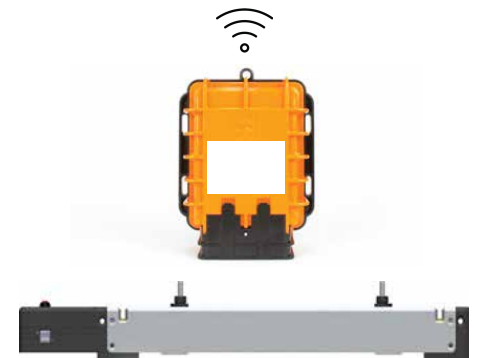


## WAVELET DISTRICT METERED AREA (DMA) KIT

### SUMMARY

One of the major contributors to **non-revenue water (NRW)** is leaked water supply. High levels of **NRW** affect both the financial viability of water utilities and the quality of the water itself. Metering water at the distribution network level is essential **to estimating levels of NRW**. Additionally, knowing the **contribution of leakage to water loss** provides the information necessary to decide upon the best course of action to reduce it.

The **Wavelet District Metered Area Kit's** low-cost portable ultrasonic flow sensor clamps onto pipes supplying water to a discrete geographic area, providing continuous flow data. Comparing **the inflow volume of water supplied to a DMA** with the metered water usage inside it provides real-time leakage data. With **LK's Wavelet DMA Kit**, data gleaned from a discrete geographic area can be taken as a representation of what steps need to be taken to reduce water loss across the entire system.



### FEATURES

- Real-Time Water Volume Data
- Continuous Flow Monitoring
- Portable Clamp-On Ultrasonic
- Flow Sensor

### APPLICATIONS

- Identify Water Leakage
- Report NRW Accurately
- Simplify Flow Measurement
- Inform Water Management Strategy

### SENSOR SPECIFICATIONS

<b>Operating Range</b>	Bidirectional; 0.03 m/s – 6 m/s (0.1 ft/s – 20 ft/s)
<b>Installation</b>	Installs on pipes 5 cm – 30 cm (2 in. – 12 in.) nominal diameter
<b>Performance</b>	±1.0% to 2.0% accuracy Zero pressure drop 0.5% repeatability
<b>Environmental</b>	Ambient and flow temperatures -20 °C to 65 °C IP 65 splash proof Weather resistant Corrosion resistant
<b>Materials</b>	Body: Anodized aluminum channel, acetal end hoses and feet Mounting Straps: EPDM

### Model No. WA1111-SE00051

#### Wavelet District Metered Area (DMA) Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G, Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- SE00051 Semi-Permanent Ultrasonic Flow Meter, Clamp-on with Gel and Mounting Straps, 4.5 m (15-ft) Cable