

# WAVELET SURFACE WATER KIT



## SUMMARY

The Wavelet Surface Water Kit provides a cost-effective solution for managing crucial resources in rivers, streams, lakes, canals, and other open water bodies. Tracking trends in surface water levels helps to ensure that these resources can continue to support our various uses of them without detrimentally impacting upon natural ecosystems.

Long-term and regular level measurements support evaluation of watershed management and conservation efforts. This Kit can provide insights on the interconnected relationship between surface water and groundwater levels. In addition, the high accuracy of data this Kit provides makes it an ideal solution for climate analysis, especially sea level monitoring.

## FEATURES

- ▶ Plug-and-Play Installation
- ▶ Continuous Data Collection
- ▶ Data Graphing & Reporting

## APPLICATIONS

- ▶ Watershed Management
- ▶ Catchment Basin Management
- ▶ Climate Analysis

## SENSOR SPECIFICATIONS

<b>Range</b>	1 – 20 m (3 – 66 ft) included. Ranges up to 70 m (230 ft) are available upon request.
<b>Accuracy</b>	±2.0 mm (0.08 in.)
<b>Frequency</b>	~26 GHz
<b>Max. Error</b>	±4.0 mm (< 1 m)
<b>Measurement on Low End</b>	0.16 in. (< 3.28 ft)
<b>Beam Angle</b>	10°
<b>Operating Temperature</b>	-40°C to 80°C (-40°F to 176°F)
<b>Dimensions</b>	Housing (H x W): 17 cm x 14 cm (6.6 in. x 5.7 in.) Horn (H x W x D): 8 cm, 11 cm x 14 cm (3.2 in., 4.5 in. x 5.4 in.)

### Model No. WA2111-SE00024

#### Wavelet Surface Water Kit includes:

- Wavelet Device & Activator
- 4G (LTE), 3G, 2G Global SIM Card
- Internal Lithium Battery
- Installation Hardware
- External Power Connector
- **SE00024** Pulse Radar Water Level Sensor, 20 m (66-ft) Range, Mounting Side Bracket, 10 m (33-ft) Cable