



Non-Contact Water-Level Monitoring

Distance up to 15 meters

概览

The RangeVue™15 is a non-contact, radar water-level sensor used for monitoring the water level of rivers, lakes, and reservoirs. Using 80 GHz radar technology, it directly measures the distance between the sensor face and the water surface. This distance can be used to determine water

level or stage. The sensor is ideal for areas where submersible sensors can be damaged due to corrosion, contamination, flood-related debris, or lightning.

优势与特点

- › Non-contact water-level measurement
- › Meets United States Geological Survey (USGS) Office of Surface Water (OSW) requirements for accuracy
- › SDI-12 version 1.4 functionality
- › Configurable over SDI-12
- › Bluetooth-configurable over smartphone, tablet, or PC

产品规格

Measurement Description	Time	Current Drain	10 mA (at 12 Vdc)
Output Options	SDI-12	Operating Temperature Range	-40° to +80°C
Measurement Range	15 m (49.2 ft)	Mechanical Rating	IP66/68 IEC 60529, Type 4X/6P UL 50
Accuracy	±2 mm (±0.0065 ft)	Material	PVDF, FKM
Resolution	1 mm (0.0033 ft)	Cable Termination	4-Pin A-Coded M12 Connector
Radar Frequency	W-band (80 GHz)	Threads	1 NPT, 1.5 NPT
Beam Angle	8°		
Input Voltage	8 to 30 Vdc		

要了解综合的详细信息，请访问：www.campbellsci.com.cn/rangevue15 