

Optical Sensors Sweden AB



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NON CONTACT WATER CURRENT METER

Accurate. Reliable. Non-Contact. Everywhere.

PRODUCT DESCRIPTION

- K-band radar for non-contact flow velocity measurement in rivers, wastewater, slurry and oceans
- Compact, handheld, battery-powered and user-friendly
- Corrosion & sediment resistant; 100m non-contact measurement for operator safety
- Built-in angle sensor; one-key automatic angle correction & flow velocity calculation

100m
NON-CONTACT
MEASUREMENT

**TRIPOD
INCLUDED**

TECHNICAL PARAMETER

Item	Technical Parameters
Measurement Range	0.03~20m/s
Measurement Accuracy	±0.01m/s ; ±2%FS
Resolution	0.01m/s
Operating Temperature	-20~+70°C
Radio Wave Emission Angle	12°
Radio Wave Transmission Power	18dBm
Radio Frequency	24GHz
Waterproof Rating	IP67
Measurement Distance	100m

APPLICATIONS



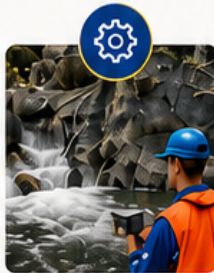
Water Environment Monitoring

Canal/River/Wastewater/
Ocean flow velocity monitoring



Engineering Construction Monitoring

Flow velocity monitoring for
railway and bridge construction



HIGHLIGHTS



Compact & Lightweight
< 700g



Rechargeable Battery
15h continuous operation



Waterproof Construction
For harsh field environments



Built-in Angle Sensor
Automatic angle correction



Non-Contact Measurement
Free from sediment and corrosion interference



Wireless Connectivity
Bluetooth low-power via mobile APP



Data Storage
Stores up to 2000 records



Durable Design
ABS rugged housing ensures safety and durability



Single / continuous measurement & discharge estimation modes available.