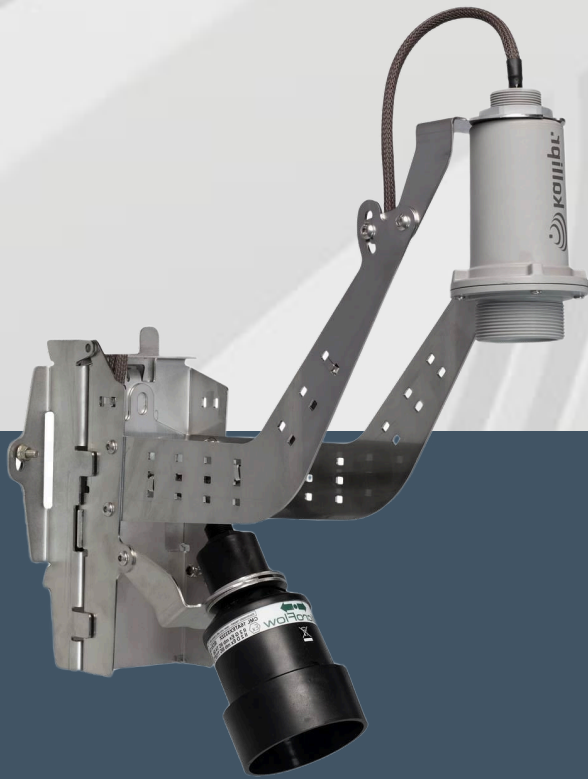


KALLIPR NON-CONTACT FLOW MONITORING SOLUTION

PRODUCT DATA SHEET



Kallipr Non-Contact Flow Monitoring Solution

Built for harsh environments, Kallipr's flow monitoring solution utilizes intelligent radar technology to calculate volumetric and instantaneous flow with high accuracy, leveraging water level and surface velocity data.

KEY FEATURES

Non-Contact Flow Measurement – Optimised for radar level measurements in wastewater environments through non-contact approach that prevents ragging while ensuring high accuracy. Level and surface velocity data is logged and transmitted to enable volumetric and instantaneous flow to be calculated in Kallipr Cloud based on manhole and pipe dimensions.

Advanced Obstruction Masking – Configured over the air to handle pipes, structures, and debris without impacting radar measurements and accuracy.

Designed for Wastewater Extremes – Engineering to perform in harsh environments, with corrosion resistant components and IP68 5m for 14 days rating.

Plug & Play Mounting Brackets – The first-of-its-kind patent-pending technology, with quick swap battery system enabling ultra-fast battery replacements in less than 30 seconds without impacting device seals or warranty.

In-Field Battery Replacement – Plug and play design enables brackets to be easily removed in sewers during maintenance, with adjustable angle for versatile installation, combining functionality with refined design.

USE CASE APPLICATIONS

- Wastewater Manhole Flow Monitoring
- Culvert / Reservoir Dam Flow Monitoring

INDUSTRIES

- Water & Wastewater
- Agriculture
- Industrial
- Rail
- Transport

SPECIFICATIONS

Bracket Material	Stainless Steel 316
IP Rating	IP68 5m for 14 days
Operating Temperature	-20°C - +70°C
Cable Length [Captis to Flow Sensor]	10m
Captis Device	Captis S2 Multi Lite
Battery	Captis S2 Medium Battery
Radar Sensor	Kallipr Radar Sensor
Surface Velocity Sensor	Pulsar Microflow Surface Velocity Sensor
Antenna	Kallipr IP68 Antenna