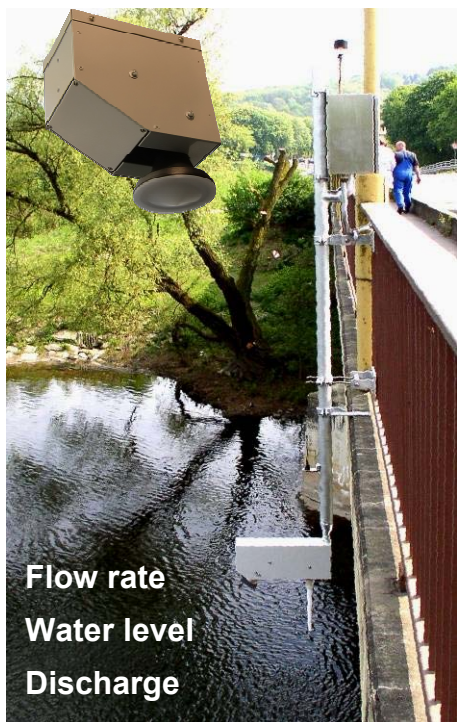


SENSOflow

Contact-free discharge measurement system

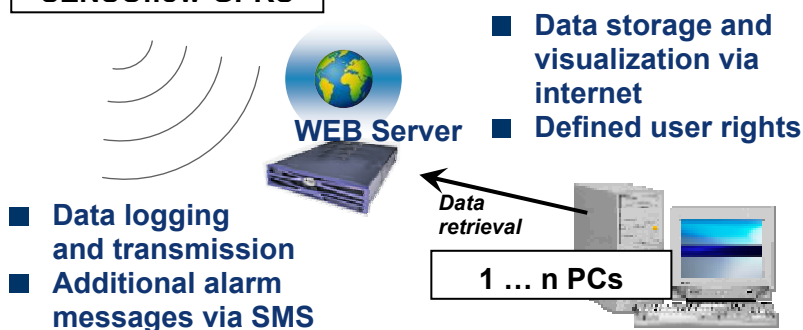


Flow rate
Water level
Discharge

Application areas/ device characteristics

- Measurement of flow rates (measuring principle: Doppler-frequency shift)
- Recording of water level
- Calculation of discharge directly at the device
- Easy mounting at bridges or pylons, max. 15 m above water surface
- Optional wireless data transmission (GSM, GPRS)
- Can be connected to LogTrans 6 data logger

SENSOflow-GPRS



Technical data

Operating conditions	Temperature -35°C ... +60°C, IP 66
Flow rate measurement	Measuring range 0.15 ... 15 m/s; resolution up to 1 mm/s Measuring frequency 24 GHz, Angle of reflected beam 10°
Identification of flow path	+/-
Water level measurement	Measuring range 0 ... 15 m; resolution 2 mm Measuring frequency 26 GHz
Discharge	By calculation directly at the device
Measuring period/ duration	5 sec ... 5 h / 10 ... 240 sec
Interface	3 analogue outputs, 4 – 20 mA (water level; velocity; discharge), SDI-12 with optional interface converter for LogTrans 6
Configuration	By PC-software
Power supply	7 – 30 VDC, power input max. 200 mA (measuring phase) Standby current 1 mA
Dimensions	L x W x H: 220 mm x 190 mm x 130 mm without data logger
Material / weight	Powder-coated aluminum
Installation	Mounting fixture with bracket
Data logger LogTrans 6	See separate data sheet
Parameterization of data logger	By operating software SENSOlog

Modifications contributing to technical progress are subject to change without notice!



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