

## SENSOR - DATA LOGGER - WEB SERVICES

# Instrumented Buoys with GSM/GPRS for lakes, rivers, and seawater



Digital technologie for optimized measurement

**Available sensors :**

- Conductivity / Salinity / T°C : BAN-CE
- pH / Redox / T°C : BAN-PH
- O<sub>2</sub> / T°C : BAN-OX
- Turbidity NTU-MES / T°C : BAN-TU

- Compact and self-stable buoy
- Retrieving data by radio on-site
- Integrated GSM/GPRS/ 3G/Sigfox options for monitoring data by internet or compatible SCADA
- Dynamic communication between several buoys

Features	LOGGER LOG04V3 + Physico-chemical sensor
Datalogger	500.000 Measures
Data concentrator	Yes
HF Antenna	Internal ou External depending on model
Option : Input	Modbus RS485
Option : GSM Antenna	External on GSM/GPRS models
Operating temperature	-40 ...85°C
housing	ABS 20%FV
Sealing	IP68
Energy	Bat : 3,6V 17 Ah or 34Ah for buoys with modem
Autonomy	Up to 4 years
Programming	- AVELOUR software using RFID wireless connection - USB/RS485 Converter module for calibration
Option : ATEX	II 3G Ex ic nA IIB T4 Gc Tamb : -20°C...+60°C
Certification : CE/FCC/IC	: SE6A001 - IC : 10983A-A001
Weight including batteries	1 Kg
Buoyancy volume	2L



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**Data logger & physico-chemical probes  
for natural water monitoring**  
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