

Real-Time Water Quality Monitoring Solutions for Environmental Applications.

Smart, Autonomous, and Connected Systems for Real-Time Data Collection & Remote Access

ACTEON 500



MULTIPARAMETERS DIGITAL TRANSMITTER IN THE FIELD

- Technology of digital communication
- 2 inputs sensor
- Digital output Modbus, Ethernet
- Large graphics screen: visualization until 4 measures

AQUA CONNECT'

AUTONOMOUS WIRELESS REAL-TIME COMMUNICATION SOLUTION (IoT)

- No IT management, only Internet browser for operation • Private Communication network LoRaWan & frees operators
- Real time surveillance & data transmission of your digital sensors (alarm in case of exceeded threshold, battery weak, defect sensor ...),
- 2 years autonomy (depends on sensor)
- SMS & email alerts



AquaMod'

- A tight, autonomous wireless module allowing to collect the data measured by sensor
- Simple to install and preconfigured in factory- immediately operational
- Configuration and diagnostic in local via WiFi & Web application

AquaGat'

- A concentrator of data which receives the information sent by AquaMod on the network LORA ®.
- It transmits data on the Internet (Ethernet, WiFi), towards the server AquaCloud'.

AquaCloud

- Data mining, this concentrates & records the data collected by sensors.

OPTOD SENSOR



READING OF DO & TEMPERATURE

Measuring range:

Oxygen:
0,00 to 20,00 mg/L
0,00 to 20,00 ppm
0-200 %

Temperature:
0,00 – 50,00 °C

NTU/TSS SENSOR



READING OF TURBIDITY, TSS & TEMPERATURE

Measuring range:

Turbidity:
5 – 4000 NTU

TSS:
5 – 4500 mg/L

Temperature:
0,00 – 50,00 °C

C4E SENSOR



READING OF CONDUCTIVITY, TDS, SALINITY & TEMPERATURE

Measuring range:

Conductivity:
0,0 – 200,0 mS/cm

Salinity:
-5 - 60 g/Kg

Temperature:
0.00 – 50.00

PHEHT SENSOR



READING OF PH, ORP & TEMPERATURE

Measuring range:

pH:
0.00 to 14.00
(compensated at 25°C)

Redox:
-1000.0 to +1000.0 mV

Temperature:
0.00 – 50.00°C

VB5 SENSOR



READING OF TEMPERATURE & MUD VEIL IN THE SETTLING WORKS

Measuring range:

Sludge Blanket:
0-100 %

Temperature:
0,00 – 50,00 °C

STACSENSE PROBE

UV OPTICAL TECHNOLOGY FOR OPTIMAL MEASUREMENTS

- UV 254 spectral absorption without any reagents or consumables
- Multi-parameter measurement: SAC254, CODeq, TOCeq & BODeq
- Modbus RS-485 digital communication
- Automatic Turbidity compensation.

LOWTUS

ON-LINE LOW TURBIDITY DIGITAL SENSOR

Measuring Range 0-10; 0-100 NTU & Automatic Range
Temperature Range: NTC