



## Optimise your Water Treatment using UV254

Measure multiple indicative organic parameters  
at many locations using UV254 sensors  
connect via 4-20mA or relays to your control room

### Applications

#### Drinking Water and Wastewater

- Distribution system contamination
- Source water monitoring /protection
- Coagulation optimisation
- UV Disinfection
- Reverse Osmosis
- DBP formation potential

#### Industrial

- Food and Beverage
- Dairy
- Commercial Aquaculture
- Pharmaceutical
- Other industrial markets

#### Environmental

- Lakes
- Rivers
- Open bodies of water

### Benefits

#### Quality Control

- Online Birdseye view of facility
- Aggregate data from different sensors at multiple locations
- New result every 10 seconds
- Multi-sensor approach removes any one single failure point
- Indicative BOD, COD, TOC and DOC

#### Financial

- Low infrastructure costs (power cables only)
- Wi-Fi to reduce mobile communication costs
- Low energy consumption (less than X watts)
- Optional datalogging with digital signature

#### Ease of Use

- Real-time remote monitoring of organics
- Send data over mobile/Wi-Fi network
- Traditional communication over 4-20mA
- Supports up to four probes
- Easy calibration of Probes
- Intuitive mobile phone interface

#### Ease of Installation and Maintenance

- Easy installation and placement
- Powered by mains or dc

## Specification

Wired Communication	2 x 4-20mA 4 x Relays 230V 5amp
Wireless Communication	Mobile data Wi-Fi
Data Storage	Local: 20 years of data
Probes	Up to Four
Display	Android device (1080 x 1920)
Languages	English
Dimensions	324 x 289 x 145.2 mm
Supply	12v dc 120/230v ac
Energy Consumption	TBC
Warranty	2 years
Certifications	CE
IP Rating	IP68
Operating Conditions	10 to 45°C, max 80% relative humidity (non-condensing)
Storage Conditions	-20 to 60°C, max 80% relative humidity (non-condensing)



**Menu Screen**



**Relay Settings**



**Results Screen**



**Probe registration**