



Innovation in Environmental & Process Technology

We **Understand** Water & Waste Water Monitoring



The Gosystemelektronik's **BlueSense** is a low cost 2 or 4 channel monitoring system for aqueous environments. Display and operation are via an easy to use touch screen.

The Blue sense may be used as a stand alone instrument or may be networked into an extensive array of monitoring and control modules via the "Blue Box" interface.

Bluesense



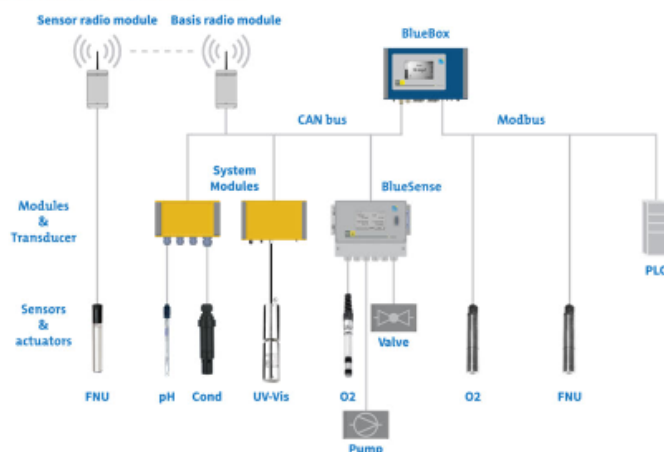
Features:

- Up to 4 sensors into one transmitter
- Available sensors: T, pH, ORP, DO, Conductivity, turbidity and all common ISE's
- Standard SD card for data logging
- Touch Screen operation

Benefits:

- Low cost of ownership
- 2 yr warranty
- Minimal maintenance
- Intuitive software for easy use
- Robust and reliable
- Secure data storage
- Extensive basis configuration

SENSOR & ACTUATOR NETWORK



Applications:

- Effluent discharge monitoring
- Storm water monitoring
- Industrial process water control
- Aquaculture
- Environmental monitoring

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System Specification

Operational Principle	Ion Selective Electrode, Ammonium, Nitrate, pH, Temperature
Range	0 - 20 mg/l DO 0.1 - 2000 mg/l NO3 pH 2-12 Temp : -10 - +18 °C
Resolution	Dependant on parameter
Accuracy	+/- 5% of full scale
Response time	95% <20s
Calibration	Manual, single pt offset or 2 point calibration in sample matrix

Transmitter Specification

Construction	Dimensions (H x W x D)	235 x 185 x 119 mm
Measurement ranges	Weight	1.3KG
	Materials	Polycarbonate
	Environmental	-10 to 45oC
Outputs	Weather Protection	IP65
	Display	LCD Touch panel 240 x 128 picels
	Analog outputs	2 off 0/4-20 mA galvanically isolated
	Digital outputs	2 Potential free contacts 2amps 230VAC
Inputs	Data interface	Rs232 / Rs485
	Analog	Max 2 or 4 Analogue inputs
	Digital	2 (static) volt free contacts
Power Requirements	Supply	230VAC -50 Hz, 24VDC/12VDC
	Load	8watts

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