

TriBox-Mini

low-cost measurement and control system

TriBox-Mini is a new low-cost measurement and control system for all TriOS sensors. The unit offers 2 sensor channels with user selectable RS232 or RS485 function. Beside Modbus-RTC various other protocols are available. Via an external pressure valve airblast cleaning for the sensors is available. Beside this, the **TriBox-Mini** offers WLAN and 2 analog outputs (4..20mA or 0..5/10 VDC output). An integrated relais can be used to initiate alarms or control external devices. Low power consumption, a robust aluminium housing and a range of interfaces makes it suitable for all applications in environmental monitoring, drinking water, waste water treatment plants, and many other areas.



Key features

32bit microcontroller
graphic colour TFT screen (320x240) with touch panel
2 GB memory card
2 serial ports (RS232/RS485) for sensors with Modbus-RTC, TriOS, etc (one port can be configured as Modbus output to SCADA system)
2 analog outputs, 4..20mA / 0..5VDC / 0..10VDC
WLAN
1 relay (user programmable functionality)
1 output to control external pressure valve for cleaning
coated aluminium case (IP65)
weight: 1.2 kg
supply voltage: 85..265 VAC and 12/24 VDC
size: 150 x 140 x 80 mm ³
temperature range: 0 - 40°C