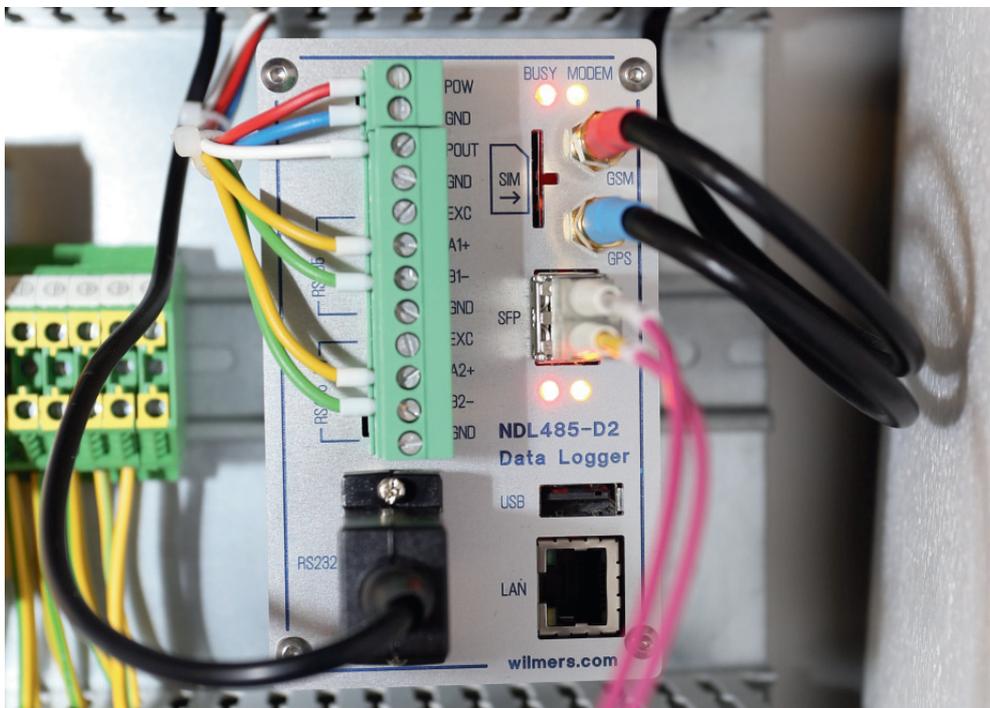


# blueberry D2

**NEW**

Data Logger for  
Serial Sensor Networks and SCADA Integration



Precise • Rugged • Low Power



Capturing the Future

## Technical Specifications

Serial measurement inputs	2 x RS485 2 x RS232 1 x USB
Communication protocols	ASCII, Modbus-RTU, Modbus-TCP
Communication ports	RJ45 Ethernet interface, SFP slot for connection to fiber optics
Remote communication	integrated cellular modem (4G/3G/2G)

## Features

- Several sensors can be connected to each of the serial bus interfaces. Sensors with serial interface are available for virtually any meteorological measure.
- Individual serial interfaces used for ASCII and Modbus-RTU ensure robust communication
- Direct connection to fiber optic networks via SFP. The integrated SFP slot enables the use of custom specific media converters.
- Fiber optics connection provide galvanic isolation and long distance network communication.
- Integration into SCADA networks via Modbus-TCP
- CAN Bus or other fieldbus interfaces via gateway
- Secure remote communication
- Integrated LTE modem for reliable and fast world wide remote access and transmission of measured data
- Integrated GPS receiver for position monitoring and time synchronisation
- Low power consumption for assessment and monitoring of remote wind and solar sites

## Applications



Measurement network with serial sensors



Weather mast for wind farm SCADA systems



Meteo station for solar plants

