

NetBiter® I/O Extender

4 × Digital In, 4 × Digital Out, 2 × Analog In, 1 × Analog Out, 2 × RTD In

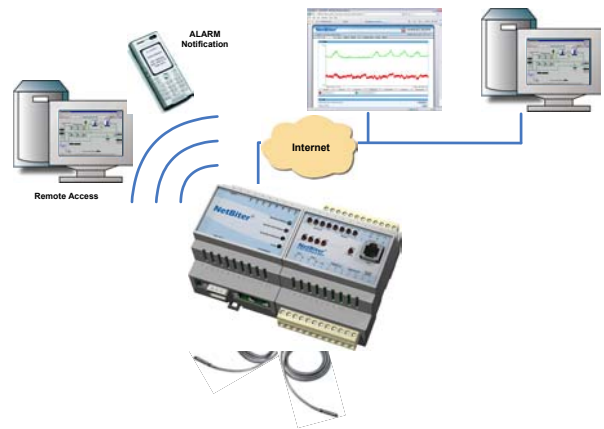
NetBiter® I/O Extender is a device that allows digital and analog I/O signals to be interfaced with the NetBiter® webSCADA and the NetBiter® RTU-TCP gateways. The I/O Extender acts as a Modbus RTU slave device which can be controlled via the webSCADA or RTU-TCP gateway and makes it possible to extend the I/O capability of these products by providing access to digital and analog signals and equipment.

The NetBiter® I/O Extender contains 4 × digital input, 4 × digital output, 2 × analog input, 1 × analog output, and 2 × RTD temperature input connections. The solution is designed for industrial applications and is DIN rail mountable. The I/O Extender can be connected in parallel with other Modbus equipment in a multi-drop installation topology.

- Remote I/O node acting as Modbus RTU Slave
- 4 × Digital Input
- 4 × Digital Output
- 2 × Analog Input
- 1 × Analog Output
- 2 × RTD Input (pT100 or Ni120)
- RS485 communication
- DIN rail mounting
- Screw terminals for wiring
- Indicators for status and I/O



In today's global market place it is crucial to be able to access the right information at the right time. Making equipment accessible via remote communication technology saves time and money throughout the organization. M2M (Machine-to-machine) technology can reduce travel costs, minimize downtime, provide accurate information instantaneously and make it possible to bring customer service to a new level.



Together with the NetBiter® webSCADA or the NetBiter® RTU-TCP gateway, the I/O extender offers a complete solution for remote monitoring and control of discrete and analog signals, sensors and equipment.

	
	Modbus RTU slave
Communication interface	Screw terminal, RS-485
Communication port	4 × Digital Input
Digital Input connections	4 × Digital Output (Open Collector NPN)
Digital Output Connections	2 × Analog Input (4-20 mA or 0-10 V)
Analog Input Connections	1 × Analog Output (4-20 mA or 0-10 V)
Analog Output Connections	2 × RTD Input (pT100 or Ni120)
Temperature Sensor Connections	2 × 12 Pluggable Screw Connectors
Connectors	-20 to 65 deg °C
Operating temperature	90mm x 70mm x 58mm
Mechanical Dimensions	DIN 35
Mounting	9-32 VDC
Power supply	140mA@24VDC
Current consumption	EN 50081-2:1993, EN 61000-6-2:1999
Certifications	0920 9999 09
Part no.	

IntelliCom was founded 1996 and is today a leader within remote communication solutions and M2M technology. Our NetBiter® products have been deployed in over 40 countries.

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