

Netbiter® I/O Extend-




- Different types of I/O modules
- Modbus RTU Slave with RS485 communication
- Fully compatible with Netbiter® webSCADA for communication over Ethernet, GSM and GPRS
- Screw terminals for wiring
- LED Indicators
- DIP switch for Modbus address on front
- DIP switch to set module to known communication parameters
- DIN rail mounting
- Compatible with online management portal

The Netbiter® I/O Extender series is a collection of analog and discrete I/O modules with Modbus-RTU protocol communication. The Netbiter® I/O extender modules are ideal for a wide variety of distributed I/O applications including data acquisition & control, process monitoring and test & measurement. The solution is designed for industrial applications and is DIN rail mountable. The Netbiter® I/O Extender can be connected in parallel with other Modbus equipment in a multi-drop installation topology.

When using the I/O modules together with the Netbiter® webSCADA product it is possible to monitor/control the I/O signals over Ethernet LAN's, Internet or GSM/GPRS networks. This makes a powerful solution for remote monitoring and control, alarm management and data logging / trend graphs of I/O's.



Technical Specifications

				
	IOX-DAIO	IOX-8DIO	IOX-4RO	IOX-6RTD
Power supply Isolated between field and logic	12-24 VDC	12-24 VDC	24VDC	12-24 VDC
Operating temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Dimensions W×H×D	23 × 109 × 98 mm	23 × 109 × 98 mm	23 × 109 × 98 mm	23 × 109 × 98 mm
Mounting	DIN rail	DIN rail	DIN rail	DIN rail
Modbus interface	2 wire RS485	2 wire RS485	2 wire RS485	2 wire RS485
Modbus address settings Max address 127	By dip-switch at front	By dip-switch at front	By dip-switch at front	By dip-switch at front
Modbus baudrate (Can be set to 9600 by dip switch)	2 400 to 115 200	2 400 to 115 200	2 400 to 115 200	2 400 to 115 200
Connectors Power communication/IO	4/18 Screw connector	4/18 Screw connector	4/18 Screw connector	4/18 Screw connector
Digital inputs Voltage 12-24 VDC	4	8	-	-
Digital outputs	2	8	-	-
Relay outputs	-	-	4	-
Analog inputs Voltage 0-10 VDC or Current 0(4)-20 mA 12 bit resolution	2	-	-	-
Analog output Voltage 0(2)-10 VDC Current 0(4)-20 mA 12 bit resolution	1	-	-	-
RTD inputs 2 or 3 wire 100 ppm/°C Typ. drift	2	-	-	6
RTD Types	PT100/Ni120/PT1000/ Ni1000/Resistance	-	-	PT100/Ni120/PT1000/ Ni1000/Resistance
Counters 32 bits on the digital inputs	4	8	-	-

More information at www.intellicom.se

Heatherose Limited
Unit 1 Oak Tree House
Brunel Drive Ind. Est.
Newark Notts
NG24 2EG

Tel: 01636 702805
01636 679376

Email: info@heatherose.co.uk
Web: www.heatherose.co.uk