



## Ethernet I/O Module

UK  
CA

CE



**DigiRail Connect**

- Mixed I/Os (Analog and Digital)
- Ethernet Modbus TCP
- RS485 Modbus RTU
- USB configurable
- Robust and Reliable for Industry

**DigiRail Connect** is a versatile DIN rail I/O module with Ethernet interface which can be easily integrated to any automation system.

With a flexible mix of industry-standard inputs and outputs, it performs field analog and digital signal handling with outstanding accuracy.

Bringing the Industry 4.0 to the DIN rail level, the connectivity of **DigiRail Connect** allows it to be used as a Modbus RTU slave in RS485 networks or as a Modbus TCP server over Ethernet.

Specially designed to comply with international electromagnetic compatibility standards, it ensures robustness and reliability in the most demanding industrial applications.

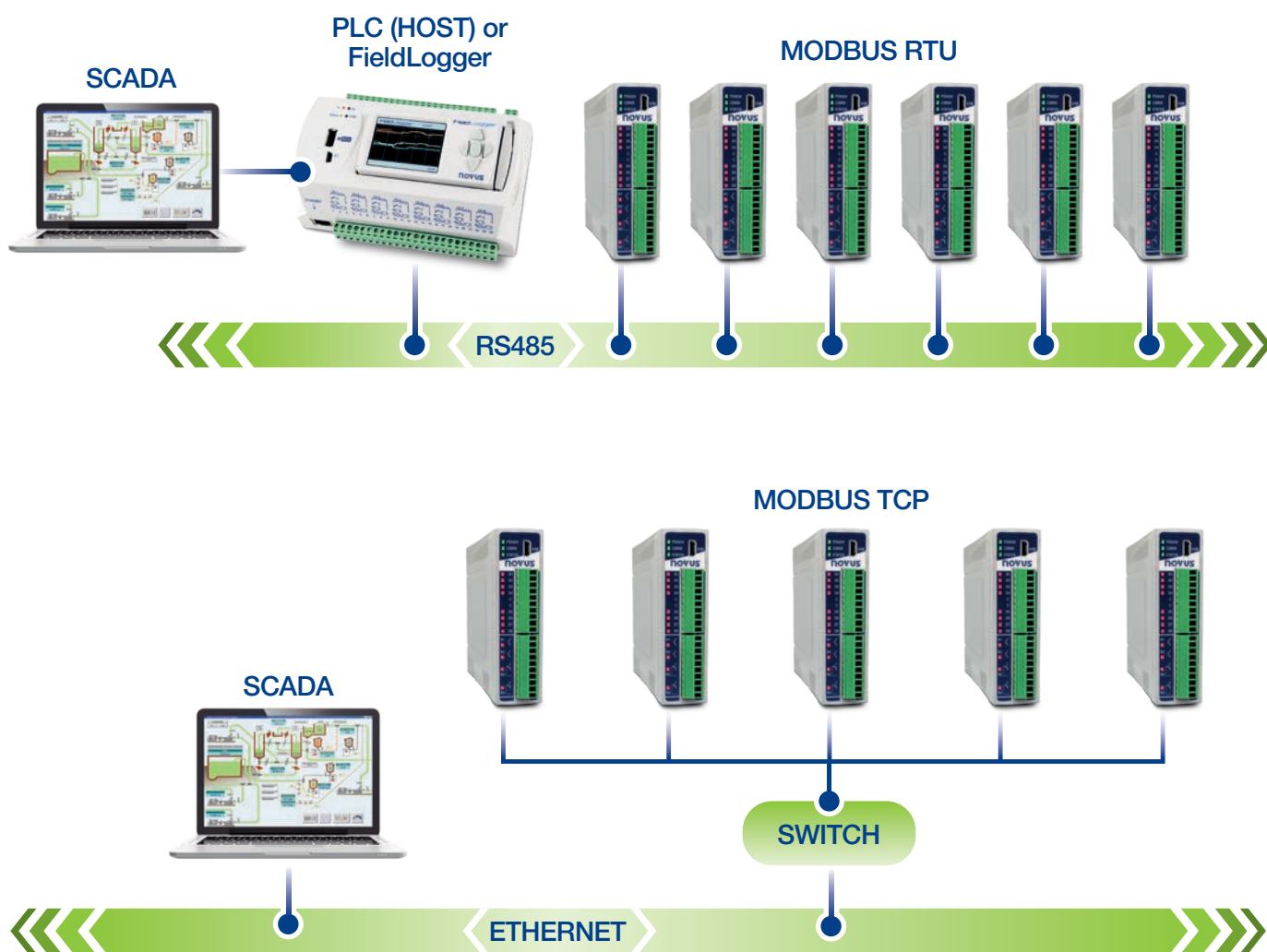
For pricing or any further information, please contact Omni Instruments Ltd.



## Technical Specifications

<b>Models</b>	RAMIX Rich Analog Mix	DMIX Digital Mix	<b>Communication Interface</b>	USB IEEE standard 802.3u Ethernet 10/100 Mb/s RS485 CAN (future release)
<b>Inputs</b>	4 digital, 2 analog (isolated)	8 digital	<b>Communication Protocol</b>	Modbus RTU Slave (RS485) Modbus TCP Server (Ethernet)
<b>Outputs</b>	3 digital or 2 relays, 2 analog (isolated)	4 relays or 8 digital	<b>Software</b>	<b>NOVUS NXperience</b> (via USB)
<b>Analog Input Types</b>	Thermocouple J, K, T, N, E, R, S and B Pt100, Pt1000, NTC, 0-60 mV, 0-5 V, 0-10 V, 0-20 mA, 4-20 mA	-	<b>Power Supply</b>	Voltage: 10 Vdc to 36 Vdc Maximum Power Consumption: 5 W Typical Current Consumption: 20 mA
<b>Analog Output Types</b>	0-20 mA, 4-20 mA, 0-10 V	-	<b>Operating Conditions</b>	Temperature: -20 to 60 °C (-4 to 140 °F) Humidity: 5 to 95% RH, non-condensing
<b>Analog Resolution</b>	Analog inputs: 16 bits (65000 levels) Analog outputs: 12 bits	-	<b>Enclosure</b>	ABS+PC

## Topology Examples



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