

# VIRTUALSCADA<sup>®</sup> VS2

## *Modbus/TCP Communication Gateway*

The VirtualSCADA VS2 Gateway can be used to connect a Modbus/TCP master (e.g. PLC System) to one or more Modbus RTU or ASCII Devices. The transparent VirtualSCADA VS2 gateway will act as a Modbus/TCP slave on an Ethernet network, transform the queries to the Serial Modbus network and send back the device response to the Modbus/TCP master. The VS2 can be setup in a matter of minutes.

### Features and Functions

#### Setup / System Functions

- Easy to use web-based user interface
- Monitor Serial and Ethernet Communication Status
- User Name and Password Protection

#### Connectivity

- Communicate with up to 5 Modbus/TCP Masters simultaneously
- Baud rate selectable from 300 to 115200 bps

#### Data-logging (Optional)

- Ability to connect to a VirtualSCADA-VS1 module for web-based data-logging, monitoring and programming

#### Additional I/O

- 2 Opto-isolated Digital Inputs

#### Communication Ports

- RS232 (9 Pin D-SUB)
- RS232 (Screw Terminal)
- RS485 (Screw Terminal)



Actual Web-browser Screenshot

For more information contact us online at [www.VirtualSCADA.com](http://www.VirtualSCADA.com)

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# VIRTUALSCADA<sup>®</sup> VS2 Technical Specifications

<b>Serial Ports:</b>	1 x RS232 (9 Pin D-SUB), 1 x RS232/RS485, up to 115.2 kbit/s (Screw Terminal)
<b>Serial Protocols:</b>	Modbus RTU / ASCII
<b>Ethernet:</b>	10/100 Mbit/sec
<b>Ethernet Protocols:</b>	Modbus/TCP
<b>Modbus Commands Supported:</b>	03: Read Holding Registers, 06: Preset Single Register, 16: Preset Multiple Registers
<b>I/O:</b>	2 x Discrete Inputs (Opto-Isolated)
<b>LED Indicators:</b>	Module Status, Serial Activity, Ethernet Link, Ethernet Activity / Collision
<b>Configuration:</b>	Via Web-browser
<b>Housing:</b>	Plastic, DIN Rail Mount
<b>Dimensions:</b>	3.54" x 2.75" x 2.28" (H x W x D)
<b>Operating Temperature:</b>	-40 to 80 deg Celsius
<b>Power Supply:</b>	9 to 28V AC or DC
<b>Power Consumption:</b>	1.7 W
<b>Part Number:</b>	VS2

