

# VIRTUALSCADA® for the Food Processing Industry

**VirtualSCADA** for the Food Processing Industry gives supervisors and operators web-based access to their system by using a standard internet web-browser. Standard built-in features include data-logging, alarm handling, monitoring and control. Virtual SCADA can be configured in just a matter of minutes and is compatible with any device that supports MODBUS RTU over RS232/RS485 or MODBUS/TCP over Ethernet.

## Features and Functions

### Monitoring

- Customizable Monitor Pages with up to 20 Signals per Page
- Select from Predefined System Signals
- Create Custom Signals with Custom Scaling, Description and Units

### Alarm Monitoring

- Define up to 64 Alarms
- Alarm History Overview with Date and Time Stamp
- Alarm Notification via SMS\* or E-mail

### Trending & Data Logging

- Log up to 64 Signals with Date and Time Stamp
- Configurable Sample Rate with Data Logging up to 3 Years
- Export or E-Mail Trend Data
- Offload Data to FTP Server

### System Functions

- User Account Management
- Real-time Clock
- Connect to FTP Server
- Connect to External GSM/GPRS Modem\*

### System Control

- View/Modify Parameters



Actual Web-browser Screenshot



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

\* Requires GSM/GPRS Modem and Wireless Service Agreement

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

<b>Serial Ports:</b>	1 x RS232 (with built-in full modem support) 1 x RS232/RS485, up to 115.2 kbit/s
<b>Serial Protocols:</b>	Modbus RTU and Modbus ASCII, JBUS
<b>Ethernet:</b>	10/100 Mbit/sec
<b>Ethernet Protocols:</b>	Modbus TCP, HTTP, SMTP, FTP, SNMP
<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>	2W

