

MODBUS Data Logger

MDL 2000



Stellar Tech's Cost Effective MODBUS Data Logger

Description	Data Retrieval
<ul style="list-style-type: none"> · The ModBus Data Logger's (MDL) primary function is to read and store operational values from a VFD for user analysis. · The MDL is contained in a DIN Rail enclosure and powered directly from the VFD it is monitoring. · The MDL 2000 can store data from any MODBUS device. Contact Stellar Tech for details. 	<p>The ModBus Data Logger writes data to local flash memory on a periodic basis determined by the system setup. The data log is a circular buffer so the most recent data with a maximum history will always be available. The user retrieves the logged data from the system by inserting a USB memory stick into the USB jack. Once the system detects the USB stick, it illuminates the LED to let the user know the USB stick is in use. Data will be transferred to the USB stick in under 5 minutes and the LED light turns off after data transfer.</p>
Specifications	Specifications Continued
<ul style="list-style-type: none"> · Enumerates to your PC as a USB mass storage device · USB host for transferring log file to external memory stick · Battery backed real time clock · LED to indicate file transfer in progress to memory stick · Internal diagnostic LED's · Communications: RS485 ModBus protocol · Data Rate: 2400, 4800, 9600, 19200 baud · Capacity: 8 MB · Logging: logging wraps to start of file at 8MB · User always has the most current data · Supply Voltage: 8 to 32V dc · Power Consumption: <0.5W logging, < 1W on retrieval 	<p>WinMDL PC software:</p> <ul style="list-style-type: none"> · Setup MODBUS registers on a per device basis. · Setup VFD registers to be logged. · Database to store VFD register setup. · Variable sample rates. · Transfer setup to MDL. · Set real time clock. <p>Mechanical:</p> <ul style="list-style-type: none"> · Size: 71 x 90 x 58 mm · Weight: 100g · Mounting: standard DIN rail mount · Enclosure: PC (UL 94 V-0) · Colour: Light gray, RAL 7035