

## CAS2500-02-UL - ModbusTCP Data Client

- *Collect and log data from ModbusTCP Enabled devices.*
- *View Log and current data using the onboard web server.*
- *Serves data to other applications using XML or HTTP*
- *Upload log files for later review.*
- *Simple and easy to use and configure.*



### Description

Connects to ModbusTCP slaves to read data. The data and transactions are logged. The log files are available and can be transferred to other computers. Current data can be monitored by remote systems running applications that can issue HTTP or SOAP/XMP GET requests – such applications can be easily developed by end users. Of course, this data is available using an Internet Browser such as Internet Explorer or Google Chrome. Connection parameters, device parameters and data parameters are configurable.

### Logging

Log records of each Modbus read and response transactions are maintained in the file system. Log record with time stamps of data returned by Modbus devices are maintained in the file system. These files are (zipped) human readable data. Log files can be uploaded to a remote PC

using HTTP. When file space runs low, the data client overwrites older files.

### Data Servicing

The current value of any/all data objects reads from the Modbus Devices can be monitored remotely using HTTP or XML by using HTTP GET requests or XML/SOAP requests.

### Modbus TCP

Connect to multiple ModbusTCP slave devices.  
Slave IP and Address are configurable.  
Connection port is configurable.

2011© **Chipkin Automation Systems**, 3495 Cambie St Box 211, Vancouver, BC, Canada, V5Z 4R3

■ **Tel:** 1866 383-1657, ■ **Fax:** (416) 915-4024 ■

**Email:** [dfs@chipkin.com](mailto:dfs@chipkin.com)

**Website:** [www.chipkin.com](http://www.chipkin.com)

Functions codes supported (are read only – ask about write capability – this data sheet may be old)

- 01 Read Coil Status
- 02 Read Input Status
- 03 Read Holding Registers
- 04 Read Input Registers

## **Device Specifications**

### **Environmental Parameters**

Operating Temperature: 0 to 70 C

Humidity: 5% to 95% (non-condensing)

### **Dimensions**

4.2" x 3.25" x 1"

### **Power Supply**

Power: 5-24VDC

Power Adapter: 60W, VAC 100~240V adapter

### **Compliance**

CE, FCC UL and ULc approved

RoHS, Lead-Free

### **Interfaces**

1xRS485 Port

1xRS232 (Debug Port)

1xMicros SD Card

1x 10/100/1000 RJ45 Network

### **Memory/Operation**

2MBytes flash memory, 8MBytes of SDRAM

LEDs: Link, Speed/Data, Power

### **Case**

Aluminum with textured paint

**Connection Configurations**

