

CAS2500-02 - 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.

The system can be configured to write copies of the log records to files on a USB memory stick connected to one of the USB ports. (USB sticks have limits on re-use).

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

Optional hard disk improves performance and capacity significantly.

Data Serving

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.

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Product Data Sheet

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

Embedded Fanless System Onboard Intel Atom 1.6Ghz CPU **Environmental Parameters** Temperature, ambient operating: -10°~55°C Humidity (RH), ambient operating: 10~95%, non-condensing **Dimensions** 144D x 190W x 36H mm **Power Supply** Input: 12V DC (ATX mode) Power Adapter: 60W, VAC 100~240V adapter Compliance CE, FCC, RoHS Interfaces 1xRS485 Port 1xRS232 1xCompact Flash 2x 10/100/1000 Realtek Network **Optional 2.5: SATA Hard Drive** Construction Aluminum extrusion

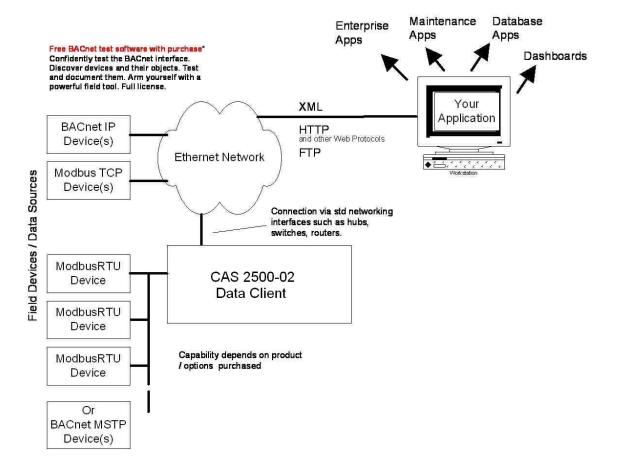
CAS reserves the right to change the product specifications without notice. The specifications of ruggedized Mini PC's is always changing.



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Product Data Sheet

Connection Configurations



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