

## CAS2500-26-UL- 1-Wire Data Client

- *Collect and log data from 1-Wire Enabled devices.*
- *View current data using the on-board web server.*
- *Serves data to other applications using XML, HTTP, email, and SMS.*
- *Upload log files for later review.*
- *Simple to configure and use.*



### Description

- Reads and logs data from a 1-Wire sensor bus.
- Supports parasitic power buses.
- Automatically detects and configures new 1-Wire sensors.
- User configurable sensor read periods.
- Transmits log files and real-time data to remote applications through HTTP, FTP, SOAP/XML GET requests, SMS, and email.
- Generates an HTML web interface for viewing data and configuring the data client through a web browser.

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## Logging

1-Wire sensors are polled at a user defined period. Responses, timestamps, errors, and sensor IDs are maintained in the file system. CSV log files can be uploaded to a remote computers through HTTP and FTP. The data client contains 1 GB of archive memory. If the data client runs out of memory it will record new data by overwriting old files.

## Data Servng

The present value and logged data from any 1-Wire sensor can be remotely monitored using HTTP GET requests, XML/SOAP requests, or by configuring the data client's SMS and email messaging system.

## Connection Information

<b>Connection type:</b>	1-Wire RJ11 connector. Open drain interface.
<b>Baud Rates (bps):</b>	4800, 9600, 19200, 57600, 115200
<b>Multidrop Capability</b>	Yes
<b>Parasitic Power</b>	Yes (up to 200 mA)
<b>OverDrive Capability</b>	Yes.
<b>High Power Pullup</b>	Yes.

## 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**

1x1-Wire Port

1x1-Wire (DebugPort)

1xMicros SD Card

1x 10/100/1000 RJ45 Ethernet Port

### **Memory/Operation**

2MBytes flash memory, 8MBytes of SDRAM

LEDs: Link, Speed/Data, Power

### **Case**

Aluminum with textured paint

## Connection Configurations

