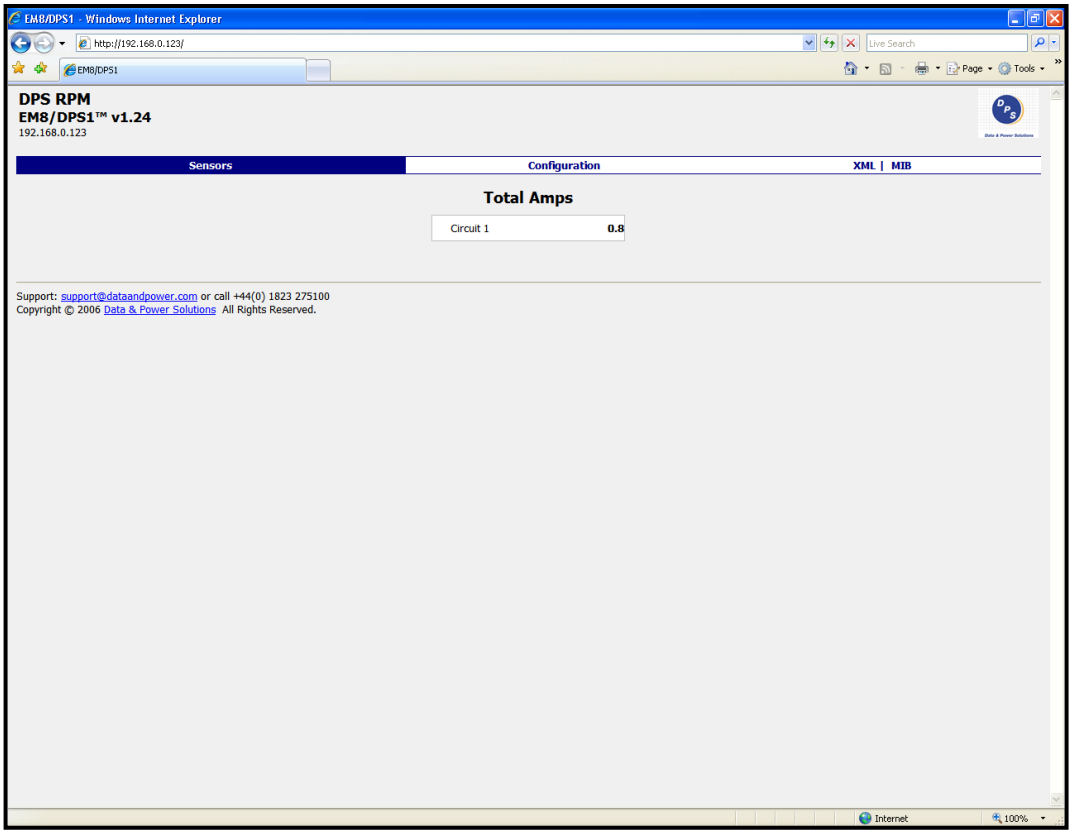
IP Addressable Monitoring

Standard Remote Meter:

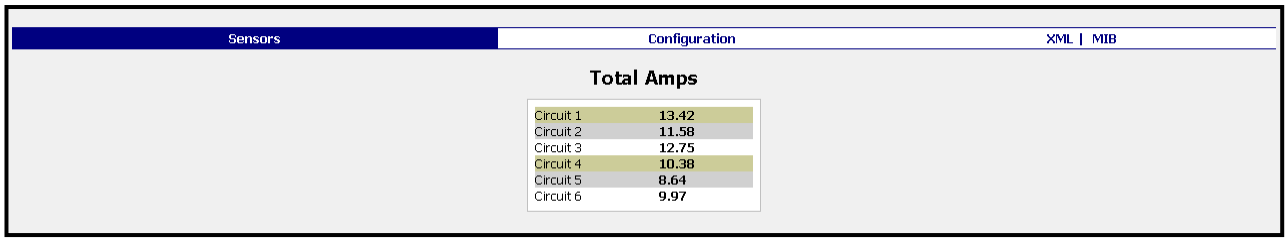
The new Remote Current Monitor from DPS provides local and remote monitoring via HTTP, SNMP and XML for embedding in an RSS feed or custom Webpage/Script.

The standard DPS Remote monitor can be configured to monitor up to 8 ‘Channels’. A channel can be an individual socket or the Live incoming phase. It can be used with almost any existing form of PDU (except 1U horizontal PDU’s) rated up to and including 32Amps.

The Remote Monitor comes complete with an inbuilt Web-browser with a pre-configured IP address. All setup instructions are printed on the front of the PDU and it can be custom configured in minutes. Each Circuit has a user configured over-current alarm that will output an SNMP trap and XML data that can read and acted upon by a 3rd party software system such as a BMS (Building Management System) or NMS (Network Management System).

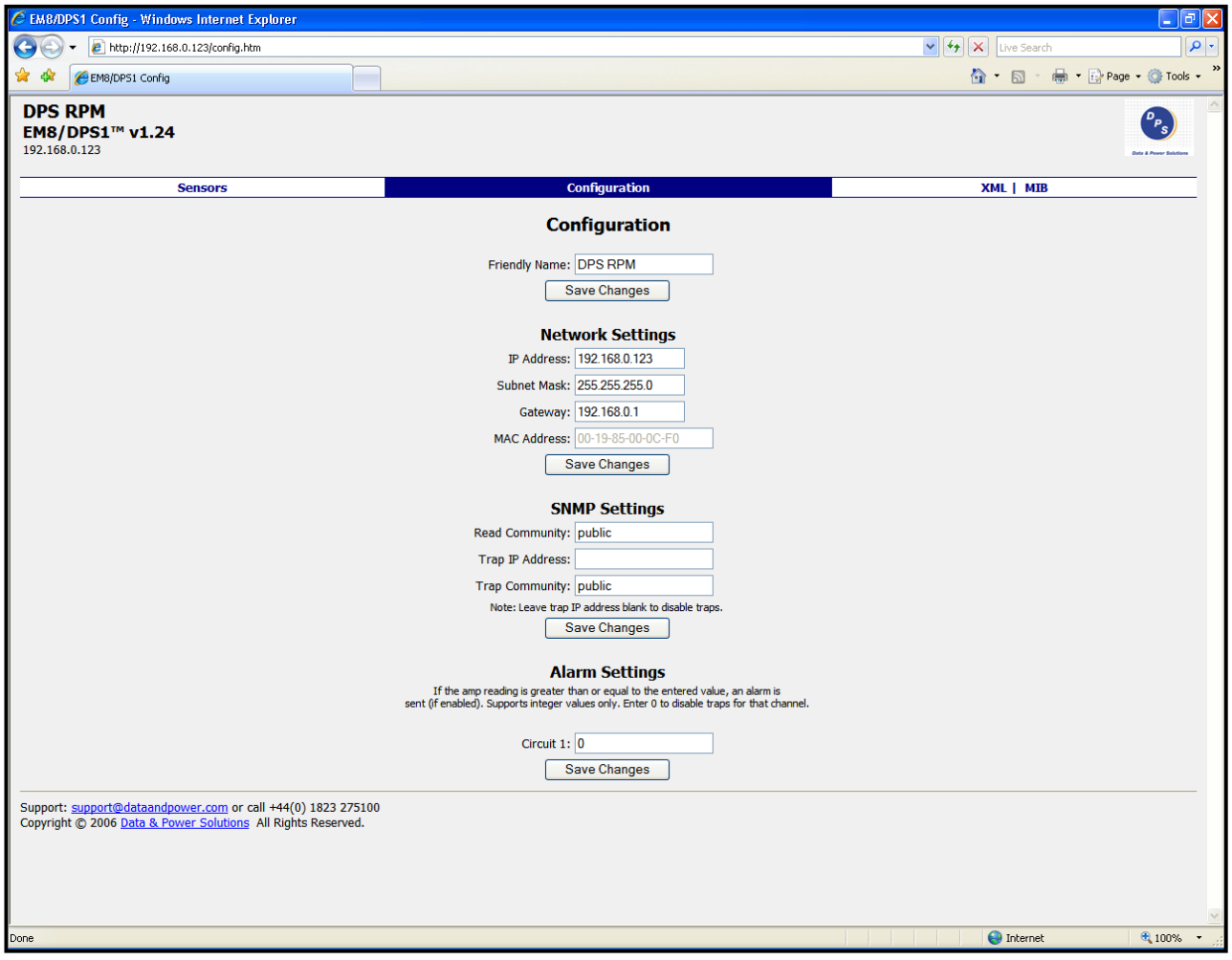


The standard PDU comes equipped with a single current monitor for monitoring of the aggregate Current Load of the PDU. There is the option of taking this number of Current monitors to a total of 30 per PDU for per socket monitoring.



As with all the DPS range of metered power strips, remote monitored power distribution units can be made to your exact specification with any combination of socket type, in either 19" horizontal rack mount or zero U vertical mount.

Configuration:



Configuration of the unit is very straight forward. One page allows the user to configure the PDU's IP address, Subnet and Gateway addresses. SNMP configuration and Alarm settings are also quickly configured through this one page.

The PDU also comes with the SNMP MIB embedded in the unit ready for download in ZIP format and the XML data is also viewable through the inbuilt web page.

Enhanced Remote Meter:

There is the option of customising the Web interface to allow for the HTTP page to mimic the layout of the PDU.

This option is particularly useful for monitoring bespoke power strips such as individual outlet monitoring and 3-Phase PDU's

Example Application:

Three-Phase Monitoring:

The DPS Remote Digital Ammeter can also be configured to monitor bespoke 3-Phase systems. Below is an example of how the unit can be configured not to just monitor each Input phase but also each individual socket. The neutral is also monitored to show how balanced the 3-Phase load is that's being used in the PDU.