

'Non-Invasive', 'Out of Box' Power Monitoring Solution

All in one, easy to install, 'out of the box' solution providing:

- 'Non-invasive' CL-Amp technology, monitoring 3 core single phase A.C. power feeds, without the need for scheduled power downtime.
- A PowerHawk² monitoring device, to provide power and a communication link to the CL-Amp, using a single IP address.
- Environmental temperature and/or humidity management.
- Client application of Env-U, enabling live and historical views of the electrical current and environmental readings, in addition to providing trend analysis and graphical management reporting.



Overview

This new innovative 'out of box' CL-Amp kit is a simple, easy to install, cost effective solution, specifically designed for single cabinet installations.

Ideal for legacy and retrofit data centres, the 'out of box' CL-Amp solution provides 'non-invasive', real-time current monitoring functionality to typical non-intelligent data centre power supply feeds rated up to 32A and can be used to bring monitoring functionality to non-intelligent power strips.

Benefits

- Increased visibility of power usage.
- Regain power and cooling capacity.
- Increased energy efficiency .
- Benefit from attendant cost savings.

'Out of the Box' solution consists of:

- 2 x CL-Amp devices.
- 2 x sets of cable collars supplied to support: 8mm to 18mm diameter cables.
- 1 x PowerHawk².
- 1 x Temperature sensor.
- 1 x spare sensor port, i.e. humidity or temperature. The additional sensor can be retrofit at any time.
- 1 x CD copy of Env-U, a client based application.
- 1 x set of 2m interconnecting patch cables from the CL-Amp to the PowerHawk².
- 1 x Instruction manual.

'Out of Box' CL-Amp solution, greatly improves the drive for energy efficiency in legacy Data Centres, without the need for scheduled power downtime

Supplied, in addition to the 'non-invasive' CL-Amp monitoring technology, is both the ability to monitor environmental temperature/humidity and the PowerHawk², a device which provides both local and remote monitoring and supports up to two CL-Amps and two analogue sensors, any combination of which can be temperature or humidity. The PowerHawk², as an SNMP agent optimised for rack management, polls the CL-Amp and sensors at configurable intervals and captures the associated current and temperature/humidity data readings.

A simple client software application, known as Env-U, included as part of the 'out of box' solution, then polls the PowerHawk², capturing the data to provide both a live and historical view of the parameters monitored, in addition to providing simple trending information and enabling the basic creation of management reports.

