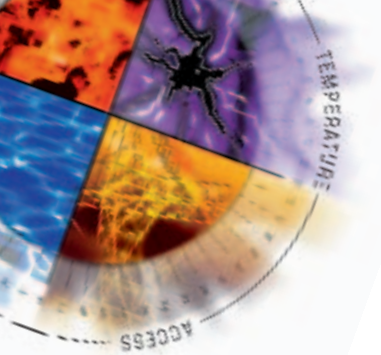

SINETICA

Intelligent Power Strips and Power Strip Controllers

Power Management Solutions

Alongside the delivery of reliable power to the network environment, issues of power management are also a key concern to the network manager: unauthorized use of power outlets, locked-up equipment, in-rush current, overloaded circuits, and the need of remote access to power outlets within a rack.

Sinetica addresses these concerns with a range of intelligent power strips that, coupled with Sinetica's Power-Hawk products, or Hawk-i, can provide remote power control and remote power monitoring over IP, providing the benefits of

- SNMP management (gets / sets / traps)
- Inbuilt web server
- Telnet communications.

Additionally, the power strips have terminal emulation, which is accessible via a KVM switch.

Uses of the intelligent power strip solutions include:

Power balancing

IT infrastructure managers can ensure that the individual phases available within the data centre are correctly balanced.

This helps prevent infrastructure failure and makes more efficient use of power delivery components such as UPS, generator, harmonic filters etc. This also enables the infrastructure to be matched to actual enterprise needs.

Power Availability check

Power is provided to the load point using normal power delivery equipment. This usually has a finite limit before a circuit breaker cuts in to prevent overloading and dropping the load (maybe your application servers!). This can be avoided by monitoring power closely.

Billing Stream

Monitoring KWhr enables certain organisations to bill their customers (Web hotels, hosting companies etc.) for consumed power thereby adding to their income revenues.

Remote Reboot & Power Control

Locked up or unresponsive equipment can be rebooted remotely, saving on site visits. In addition, the power strips can be used for sequenced start up of devices to prevent in-rush current.

Power Strip Features

- Aluminium housing with sockets angled for optimum cable dressing
- Integral pull-out 19" mounting brackets
- Clip feet for side OR end mounting (end mounting achieves an offset position to clear adjacent equipment)
- Rear or straight cable entry permits flexibility of cable feed to the PDU
- External earth facility if required. Earth bonding to the cabinet is easily achieved
- Fully shrouded switches remove the possibility of accidental switching

Power-Hawk & Power-Hawk 2T Features

- Individual outlet control (with individual password protection)
- Monitor RMS Volts / RMS Amps and KW / hr
- Threshold alarms for Amps, Volts and KW / hr (LCL, LWL, UWL, UCL)

SINETICA...

understanding the data centre requirement.

Power, temperature, access control, and all other remote site monitoring needs.

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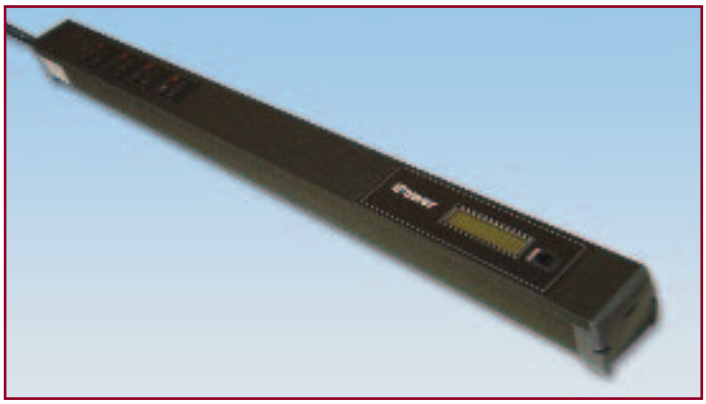
Intelligent Power Strips and Power Strip Controllers

OPERATING DATA for Power Strip Controllers

Communication	SNMP monitoring / management Telnet management JAVA monitoring/management applet ("Viewer") WEB monitoring Terminal configuration
RS232 Port	RS232 for local configuration
Security	Telnet and WEB access password protection
Upgradeability	Firmware upgradeable using serial download or TFTP download
Standards and Certifications	CE



PHYSICAL DATA for Power Strip Controllers

Kit contents	Unit, config cable, CD, mains adaptor PSU, carton	
	Power-Hawk	**Power-Hawk 2T**
Enclosure	Steel case with epoxy powder coating 75mm wide x 149mm deep and 28mm high 0.32 kg weight	Aluminium case with epoxy powder coating 90mm wide x 190mm deep and 32mm high 0.46 kg weight
LED indicators	Status Network traffic	DC Power ON Status DC Network traffic RS232
PDU port	2 x D9 male port	2 x RJ 6/4
Temperature port	N/A	2 x RJ 4/4
Power input	1 x jack plug +12v DC	
LAN port	RJ45 way socket 10 BaseT	
Normal power usage	300 mA	
Maximum power	400 mA	
Operating range	0 ~ 40°C	
Operating humidity	5 ~ 90%	
Storage temperature	-10 ~ 70°C	
Storage humidity	5 ~ 100%	

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