

PowerZook

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End-Point Power Sensor for Cisco EnergyWise

PowerZook is a Cisco EnergyWise end-point power sensor that can be installed without system downtime to provide rack input power readings in Watts to the Cisco EnergyWise domain. PowerZook clips around the outside of rack input power cables to monitor the power draw of the rack equipment for loads of up to 32A. PowerZook provides a smart alternative to smart PDU's where system downtime and/or higher costs are not viable options.

By providing users with indicative power information down to rack level, PowerZook can play a vital role in helping to increase operational efficiency and reduce data centre energy costs. Power usage visibility can be provided where currently there is none.

Why PowerZook?

The huge challenge facing today's Data Centre Managers is not only how to maintain system services and uptime on a 24x7 basis, but also how to achieve those goals whilst increasing efficiency and minimising costs. Installation of intelligent PDUs into legacy data centres is an obvious power monitoring option, but the potentially significant implementation costs together with highly expensive disruption to the business can make this option impractical. In addition, some managers may wish to keep the power monitoring and intelligence element of a PDU away from the PDU in order to minimise potential points-of-failure.

PowerZook provides a unique, alternative option to intelligent PDUs, giving Data Centre Managers greater choice when determining their power monitoring and management strategy. Since PowerZook can be installed into live environments, integration into Cisco's EnergyWise can be completed with minimum fuss and minimal costs.

PowerZook is an unobtrusive, robust and durable sensor. Once installed, it is maintenance-free and, in the unlikely event that a swap-out is ever required, there will be no disruption to the network or power to the rack.

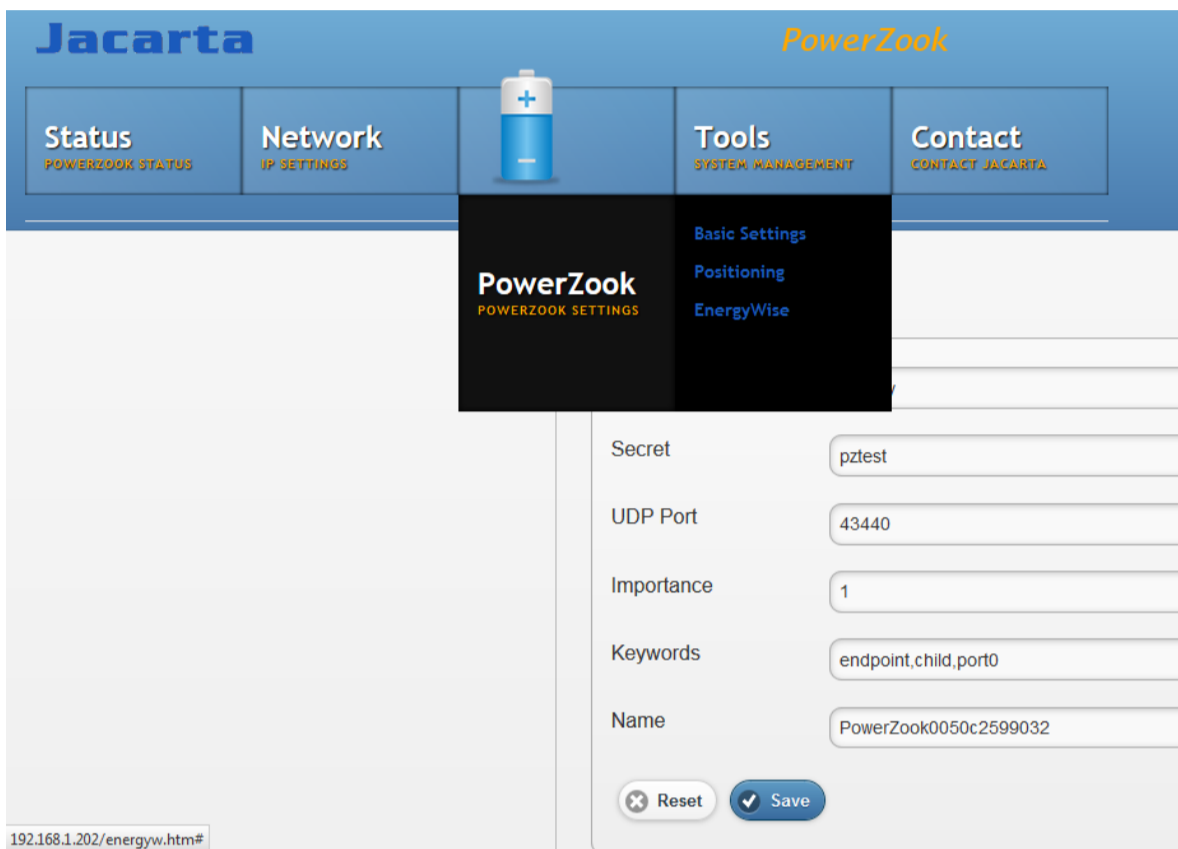
Key Features

- Delivers power usage information in Watts to Cisco EnergyWise domain
- Compatible with all Cisco EnergyWise-enabled switches
- Can be installed in live environments (no downtime required)
- Suitable for 3-core (live, neutral, earth) input power cables up to 32A (see specifications for full details)
- PoE
- Small, light, unobtrusive
- Maintenance-free



PowerZook - Quick and Easy Installation

PowerZook is installed onto the cable that it will be monitoring using a simple laptop or netbook-driven software interface. This software helps the installer to determine the optimal sensor position on the cable. Advanced configuration can be carried out at that time or via the network. Once installed, PowerZook will deliver power information in Watts to the Cisco EnergyWise domain. Power usage information can be compared and analysed over time so that rack power can be managed as efficiently as possible.



PowerZook - Specifications

- Weight (g): 90
- Dimensions (mm): 44 (w) x 65(h) x 55 (d)
- LED: 3 x LED (Power, Status, Network)
- Power: PoE
- Power Information: Watts
- Cable/Power Requirements (for PowerZook monitoring):
 - ⇒ Cable: AWG12, AWG14, 3G4 and 3G2.5 3-core power cable
 - ⇒ Typical Cable Ratings: 120v/20A, 208v/20A, 230v/16A, 120v/30A, 208v/30A, 230v/32A
 - ⇒ Max Cable Diameter: 13.6mm*
 - ⇒ Current: 0-32A
 - ⇒ Frequency: 50 & 60 Hz
- Protocols: HTML, UDP, SHA-1, TCP/IP
- Firmware Upgrade: Yes
- Warranty: 1-Year

NB. Minimum load to achieve optimised installation: 1AMP (Recommended 1.5A)

* Please contact us should you wish to monitor cables larger than 13.6mm