

Driving Integration

Hawk-i³

The primary aim of the Hawk-i³ product is to produce a cost effective monitoring and control solution for power, environmental and physical access control parameters using a single IP address, to allow users to monitor and control external devices via a network attached unit.

The Hawk-i³ is a network attached device, which may be controlled and monitored over a TCP/IP 10/100Mbps Ethernet network through SNMP, HTTP, HTTPS, and is capable of monitoring sensors and controlling power strip outlets and output relays, allowing other network attached devices to interrogate and send commands to the Hawk-i³.

To achieve flexibility with a focus on security, ease of use and increased monitoring support, the Hawk-i³ supports a maximum of four monitor and control power strips, supporting both RS232 and RS485 serial port communication protocols, which will monitor volts, amps, kVA, kWh, power factor and frequency from the power strip.

Further to this, the Hawk-i³ supports two serial keypads, or smart card readers, to control access to the cabinets via solenoid or motorised activated door locks, one external LCD display unit and six sensor inputs, which may be any combination of temperature, humidity, voltage free contact sensor and 0-10VDC analogue input voltage.

The Hawk-i³ also supports an intuitive web based graphical user interface, eliminating the need for complex serial setup processes. The web server within the unit supports HTTP/HTTPS network protocols, allowing the user to securely configure, monitor and control the Hawk-i³ via a username and password access control system.

Features

- SNMP agent specifically aimed and optimised for rack management, where all I/O and control functions may be monitored and controlled through the SNMP protocol.
- Ideal for per cabinet or per two cabinet installations.
- Allows up to 4 power strip channels, 6 input channels, 2 output channels and 2 access control channels.
- Supplied as 1U, 19" rack mountable unit.
- Dual mains power supply fitted as standard.
- Designed to conform to the relevant CE and UL, FCC certification standards.



Local & Remote Monitoring & Control



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