

The IntelliQuad gives the functionality of four independent IntelliMonitors with the convenience of a compact single-U housing. The unit is designed for either horizontal or vertical mounting and is an ideal partner for Cisco 6500 Series switches.



Features

- ▶ Four isolated, independent electrical circuits
- ▶ 16A Commando inputs, 16A IEC C19 outlets.
- ▶ Two rear panel sensor inputs to monitor rack temperature and humidity
- ▶ Two rear panel sensor input to monitor opening of rack doors
Four sensors to monitor true RMS current
- ▶ Four sensors to detect incoming mains failure
- ▶ RS485 multi-drop data bus minimises number of IP connections required per system
- ▶ Can be supplied with C19-C20 cords in 4 different colours
- ▶ Integral, removable cable management bar allows plugs to be securely retained
- ▶ Rack mount ears may be fitted at front or back of unit

EcoRange

EcoRange IntelliQuads have additional benefits:

- ▶ Qualifies for the Carbon Trust ECA scheme
- ▶ Measures Voltage, Power Factor, kW, kVA and kWhours

Intelligence

Each IntelliQuad has on-board intelligence that monitors the electrical and environmental status and communicates this data to a master controller via a multidrop RS485 connection. The master controller (IntelliPoller) may handle up to 256 IntelliMonitors (with the use of auxiliary power supplies) and is in turn polled by the IntelliServer software via Internet Protocol.

Communications

The RS485 connection between the IntelliMonitors and the controlling IntelliPoller is independent of the data room's network, minimising network traffic and port requirements. It allows devices to be connected and disconnected from the system freely. The data cable also carries power for the IntelliCompak's logic and the reboot relays, making interconnection a simple, single connection with the advantage of enabling the IntelliMonitor to actively report power outages on its mains supply.

Physical

Size:	484mm (19") x 44mm (1U) x 373mm (inc cable bar)
Weight:	4.5kg
Power:	4 x 16A straight through (The logic board draws a few milliamps from each circuit)

Rear panel connections

- 2 x Temperature & Humidity
- 2 x Door switch
- 1 x RS485 data



Monitoring

- ▶ Temperature (<+/- 1/2 degree)
- ▶ Humidity (<+/- 3%)
- ▶ Power measurement (<+/- 2%)
- ▶ Power failure
- ▶ Door closure