

Product overview

The latest advancement in the iPower range of products is an updated version of our main IP product set now incorporating a Linux based processor. This development provides for greater management capabilities and higher level of security for the ever demanding market sector. Available in the full spectrum of options maintaining the same level of monitoring, environmental and security capabilities with additional features. All iPower units remain fully UK manufactured with a 5 year return to base warranty*

Key Features

All of the iPower IT range of products include as standard the following:

- ✓ Linux based operating platform
- ✓ latest levels of security and operating protocols
- ✓ Very accurate (+/- 1%) energy management information via calibrated resister
- ✓ In built WEB browser
- ✓ Free supplied management software with no ongoing charges
- ✓ Free access to MIB files for 3rd part applications
- ✓ USB port for a multitude of applications
- ✓ WEB Cam image capture
- ✓ Active display
- ✓ Hot swap options
- ✓ Supports up to 50 x IP addresses
- ✓ Can daisy chain up to 32 units per IP address



Environmental

iPower comes with comprehensive environmental monitoring including ports for:-

- 8 x Temperature sensors.
- 1 x Humidity/Temp sensor.
- 3 x sets of Volt Free contacts.
- 1 x USB



Communications/Security

- Communications HTTP, HTTP,s, HTML, CGI, Telnet, SMTP, Syslog, Radius, SNMPv2 & v3, IPv4 & v6
- Inbuilt web browser
- Free of Charge SNMP management software
- Supplied MIB for integration into 3rd party DCiM
- Full DCiM solutions available



Security

iPower covers the requirements for cabinet security with ports for:-

- Electronic door locks.
- Card readers.
- Pin pads.
- Door contacts.



Build Standard

- Fully CE/WEE/RoSH compliant
- Manufactured to EN60950-1/EN62368-1
- Mains build 3rd part independantly approved
- 5 year return to base warranty cover*
- Thermal trips/Individual fuse sockets
- Individually fuse socket
- breakers
- branch circuit monitoring

While the IT range of units offer a multitude of environmental and security capabilities its prime function is the monitoring and controlling of power. Using a calibrated resistor taking readings 4000 times per minute offers accurate direct and calculated measurements with an accuracy of +/-1%.

Energy Metrics

All the iPower IT range provides the following information remotely and locally through the display against which min/max level thresholds can be set:

- | | | | |
|--|---|---|---|
| <ul style="list-style-type: none">• RMS Volts• RMS Amps• Kilowatts | <ul style="list-style-type: none">• Internal Temperature• Frequency• Power Factor | Cumulative values include:- <ul style="list-style-type: none">• kWh• kg/CO2• Consumption cost | Additional measurements include:- <ul style="list-style-type: none">• Peak Volts• Peak Current• kVA |
|--|---|---|---|

IP1 - Configuration

Units built as 10amp to 63amp single and 3phase variants to any socket configuration, socket type and quantities provide all of the above energy metrics and features.

IP2 - Configuration

Offering the same environmental and power monitoring capabilities as our IP1 above with the addition functionality of per socket power monitoring. This allows the monitoring and setting of alerts remotely for:

RMS Volts/RMS Amps/Kilowatts/Frequency/Power Factor

IP3 - Configuration

As per the IP2 with remote per socket switching capability with fail on sockets. Sockets can be switched individually or in groups.

IP4 - Configuration

As per the IP3 with per socket switching capability with fail off sockets used to incorporate sequence socket control. Sockets can be switched individually or in groups.

IP5 - Configuration

Providing the same information as that available in our IP1 configuration the IP5 range is a catch all for a multitude of in line units for use with legacy equipment, single or 3phase splitters allowing the full use of sub-floor or high level power supplies. Branch circuit monitoring.

IP6 - Configuration

The IP6 units are switching only with no power monitoring capabilities. These units can however provide the full range of environmental and security functions.



The maximum number of sockets for an IP2, IP3, IP4, IP5 & IP6 is 48

If you have a requirement we have solution through the iPower family of products.