



NetCommander Data Sheet

NetCommander is a web controlled alarm unit supplied with many different alarm interfaces. These include analogue threshold triggers, switch triggers as well as light and temperature triggers.

Not only can the device be programmed via a web interface; the alarms can also be monitored via the same interface.

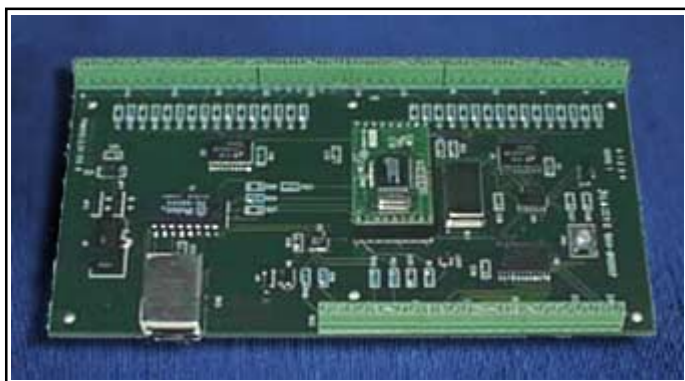
The unit can have up to 48 different alarm interfaces attached simultaneously making the NetCommander ideal for monitoring an entire production sequence without the need for multiple devices from disparate manufactures.

All the readings and alarms can be centrally read from any computer with a browser. The interface can be easily tailored to fit in with an individual site's "look and feel".

Even a process, which has only locally situated light indicators, can be web attached. By using the light sensor interface the alarm can be remotely monitored meaning no intrusive wiring is necessary on existing machinery.

As well as generating web alarms the unit can also set LED's as local indicators for operators away from the computer screen.

Integrated into a database system the NetCommander can not only monitor but can be used to help generate batch reports from results directly taken from the manufacturing process.



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Web Monitoring

- Ethernet connected
- Fully customisable
- Remote control
- Monitoring from any location using www connection
- Multiple devices can be monitored and controlled simultaneously

More Information

- World Wide Web:
<http://www.camtec.uk.com/>
- E-mail:
enquiries@camtec.uk.com

Software

Web Server

Built in server able to deliver .html

TCP/IP

Built in TCP/IP stack

Sensors

Graphical User Interface (GUI) Web page displaying unit sensor outputs. Programmable thresholds which trigger when a sensor exceeds a given (programmable) level

Controls

Web control of all outputs

Browser

Netscape 4.x or 6.x
Explorer 5.x or higher

Inputs

The following are examples of input parameters. Note that any desirable input is possible using the NetCommander programmable control interface.

- Temperature sensor
- Lightsensors
- PIR or Burglar Alarm
- Smoke/Carbon Monoxide Detectors
- FlowMeter
- Personal Identification System
- Internal timers
- Water Level/Hydrometer
- Panic Button
- Pressure Mat

Outputs

The following are examples of output parameters. Note that any desirable output is possible using the Web Commander programmable control interface.

- Mains switches/dimmer to lamps/radio etc.
- Motorised water valve
- Audio output from speakers
- SMS Text
- Email
- Servo motor - e.g. Curtains, Green house window, etc.

Hardware

Sensors

Temperature
Weight
Flow
Time
Audio (Microphone)
Switches
Light Sensors
Strain Gauge
Analogue inputs x 16

Actuators

LEDs x 16
Relay Contacts
Speaker

Processor

Microcontroller with built in TCP/IP stack
2 Meg Flash
2 Meg RAM

Power

5V @ 100 mA
Provided by a DC adapter

Dimensions

130 x 110 x 48 mm (WDH)

Weight

200g approx.

Environment

Temp range 0 to +40 °C noncondensing