

The G-224 Gateway is the ideal small business appliance that combines full function support of a PBX with the integration of both ISDN and VoIP telephony. It not only supports the telephony needs of small businesses but also offers compelling features such as: support for traditional music on hold, paging systems, dual USB ports that can be used for increased storage capabilities or wireless access point support through third party adapters, an integrated four port Ethernet hub for connecting computers and converts faxes to graphic files that are then sent to e-mail.

Integrating the Linux, Asterisk®, Echo Cancellor, Ethernet switch, Compact Flash, Dual Telephony ports (FXS), Gateway functionality (4x ISDN) and Dual USB ports transforms this into a truly powerful and flexible appliance. The G-224 Gateway is a standalone solution that can be installed on any network quickly and easily with the aid of its WEB browser based configuration that supports Wizard based setups.

- *Integrated four port Ethernet switch*
- *Dual high speed USB*
- *Compact Flash support for additional storage of voicemails*
- *Voicemail and Fax to email conversion*
- *Single line fax termination*

## Features & Benefits

### **Integrated PBX**

Simplifies installation, configuration

### **Hardware Echo Cancellation**

No CPU load, greater performance

### **Support for Music on Hold**

Audio input jack supports mono audio stream

### **Integrated ISDN, FXS and Ethernet**

Gives greater flexibility in functionality and requires no additional driver installation

### **Support for Paging systems**

Audio output jack supports traditional paging systems

### **Expandable media support**

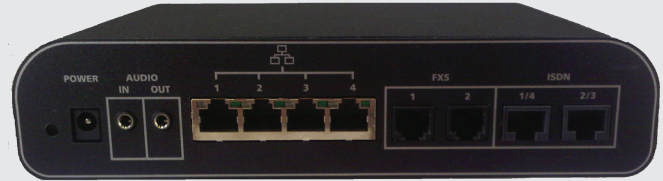
Support for USB and Compact Flash Storage Interfaces

# Technical Specifications

## Hardware Specifications



Front



Back

### G-224

- Single Compact Flash port
- Four Euro ISDN ports for connection to the telephone network
- Dual Foreign Exchange Station (FXS) port for connecting a phone or fax machine
- Hardware based G.168 echo cancellation chip up to 128ms tail length
- Four port Ethernet Switch 10/100Mbps auto MDIX Ethernet port
- Dual USB ports
- Audio Input (mono) jack
- Audio Output (mono) jack

### Interfaces

- **Telephone Interface** Four ISDN RJ-45, RJ-12 FXS
- **Network Interface** Four 10/100 Mbps RJ-45
- **LED indicators** Power, Fault, Network, Link speed
- **Audio Input** Male Stereo Jack 1/8
- **Audio Output** Male Stereo Jack 1/8
- **USB** USB 2.0 (11Mbps)
- **Application** CAPI 2-0

### Codec Support

- G.711 ulaw & alaw

### Environmental

- Operating range: 0-40°C
- Humidity: 10% - 80%
- Storage: -20°C - 85°C

### Warranty

- 2 years

### Ordering information

- Product code : 70-00024 Positron G-224 Office Gateway NA
- Product code : 70-00030 Positron G-224 Office Gateway UK
- Product code : 70-00031 Positron G-224 Office Gateway EU

### Dimensions

- L: 2050 mm (8.2 inches)
- D: 1300 mm (5.4 inches)
- H: 500 mm (2 inches)

### Standards & Approvals

- FCC Part 68
- CE Mark
- EMC : FCC Part 15

