



The G-124 Gateway is the ideal small business appliance that combines full function support of a PBX with the integration of both analog 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, warehouse 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 Canceller, Ethernet switch, Compact Flash, Dual Telephony ports (FXS), Gateway functionality (4x FXO) and Dual USB ports transforms this into a truly powerful and flexible appliance. The G-124 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.

- *Integrate four port ethernet switch*
- *Installs simply and quickly as an Ethernet adapter*
- *Duo USB ports for application support*
- *Installs in ANY Operating System*
- *Allows any SIP based application to speak directly to the card – no API integration*
- *No additional hardware setup required – unlike other card solutions*
- *Provides the functionality of PBX and Gateway in one solution*

## Features & Benefits

### **Integrated PBX**

Simplifies installation, configuration

### **Hardware Echo Cancellation**

No CPU load, greater performance

### **Installs as an Ethernet Device**

Can be plugged into ANY Operating System

### **Integrated FXO, FXS and Ethernet**

Gives greater flexibility in functionality and requires no additional driver installation

### **Cross Board Switching**

No drivers required

### **Unlimited Boards per Server**

No issues with scalability

**THINK INSIDE THE BOX**

# Technical Specifications

## Hardware Specifications



Front



Back

### G-124

- Single Compact Flash port
- 4 Foreign Exchange Office (FXO) 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
- 10/100Mbps auto MDIX Ethernet switch - Four
- Per channel fax / modem G.164 pr G.165 2100Hz phase reversal tone disable
- ITU-T G.165, G.168 (2000) and (2002) compliant

### Interfaces

- **Telephone Interface:** Four FXO, RJ-12, Two FXS – RJ-11
- **Network Interface:** 10/100 Mbps RJ-45, PCI
- **LED indicators:** Power, Fault, Network, Link speed

### Environmental

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

### Dimensions

- H: 107 mm (4.2 inches)
- D: 312 mm (12.283 inches)

### Warranty

- 2 years

### Codec Support

- G.711 ulaw & alaw
- G.729 a/b
- GSM
- Speex

### Standards & Approvals

- FCC Part 68
- CE Mark
- EMC: FCC Part 15
- PCI 2.1 compliant

### Ordering information

- Product Code: 70-00005-01

