

# G-224 Gateway Quickstart

## Features

- 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 128 ms tail length
- Four port Ethernet Switch 10/100Mbps auto MDIX Ethernet port
- Dual USB ports
- Audio Input (mono) jack
- Audio Output (mono) jack
- Real Time Clock (battery)

## Contents of Box

- G-224 Gateway
- External Power Supply
- 3 RJ-45 Cat5e Ethernet Cable (orange)
- 2 RJ-45 ISDN line splitters



## Installation Steps

1. Insert the external power supply cable to provide power to the device
2. Connect the RJ-45 Ethernet cable provided (orange) to one of the four available Ethernet ports on the G-224
  - The default IP address of G-224 is 192.168.1.2
3. Connect the other end of the RJ-45 to your laptop / PC
  - The IP address of the laptop / PC must be on the same subnet of the G-224 (192.168.1.X)
4. Connect to the browser based configurator by opening the browser to the IP address. The following is the default connection credentials:
  - Username: admin
  - Password: password

## Support

To ensure your PBX is working, try the following:

- Check the LED on the front panel, the LED with the circle mark should be solid RED
- Plug an analog telephone into the FXS port – is there a dial tone?
- At the dial tone, press 6000 and you will hear the operator's voice

These steps do not require user configuration. If you are unable to complete them, please contact Positron Telecommunication Systems.

## Compact Flash

Sandisk Compact Flash is the recommended media of choice



# Think Inside the Box



The default IP address of the card is 192.168.1.2 – the Ethernet interface on the four port switch is auto speed detect and auto cable cross over. For configuration you may connect directly to the Ethernet interface or through a switch, no special cable is required.

## LED Functionality

The LED on the front of the device will provide some state / diagnostic information. The table below describes each state:

| Event                                    | LED                    |
|--|------------------------|
| Card is booting                          | All lights blinking    |
| Operating system loading                 | RED LED flashing       |
| System fully loaded and operational      | RED LED solid          |
| Telephone line plugged in and configured | ISDN LED ORANGE solid  |
| Compact Flash or USB enabled             | "Tick" LED GREEN solid |

## Factory Reset

In the event that a configuration does not allow connectivity to the system, a user may perform a factory reset that will put all the IP addresses and passwords back to the default settings. Instructions: Push and hold the reset button for approximately 20 seconds.

**NOTE:** To perform a factory reset, push and hold the reset button until the first two LED's are Orange. Once they are Orange, release the reset button and the factory reset will be initiated.

