POSITRON
Telecommunication Systems

Simplified Communication for Enterprises

IP PBX Systems for Small and Mid-Size Businesses

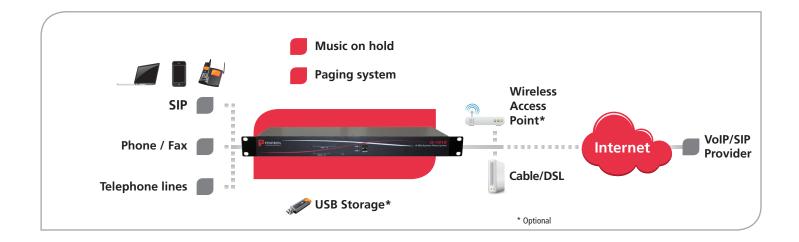# The G-Series is a Comprehensive Portfolio of Business Phone Systems

The G-Series phone systems combine all the requirements necessary to meet the communication needs of today's demanding enterprises. This unified messaging system supports both VoIP and traditional telephone lines seamlessly, video calling through the PBX, monitoring tools and automatic configuration of any VoIP phone.

Positron Telecom's IP PBX phone system grows with a business, without worries of outgrowing it. The G-Series product family caters to a company's needs and offers a variety of products based on the size of a business. The IP PBX phone system is easy to install, affordable and reliable.

IP PBX Features

- Auto Attendant (AA)
- Branch to Branch Enabled
- Busy Lamp Field (BLF)
- Call Forward
- Call Hold
- Call Transfer
- Caller ID
- Call Waiting
- Call Conferencing
- Conference Room
- Corporate Call Back
- Custom Greetings per User
- Dial by Extension
- Dial by Name Directory
- Direct Inward Dialing (DID)
- External Media Support
- Find me/Follow me
- Integrated Firewall
- Integrated Intercom and Paging

- Interactive Voice Response (IVR)
- IP Extensions
- Local Area Code Presence
- Message Waiting Indicator (MWI)
- Mobile PBX System
- Music on Hold
- Paging
- Point-to-Point Video Calling
- Ring Groups
- SIP Trunking
- Softphone SIP/IAX Support
- Status Display
- Time/Date/Day Scheduling Service
- Time-of-Day Service
- Unified Communications
- Voicemail to Email
- VoIP
- Web Interface

Music on hold

Paging system

SIP

Phone / Fax

Telephone lines

USB Storage*

Wireless Access Point*

Cable/DSL

Internet

VoIP/SIP Provider

* Optional

Positron Telecom's IP PBX solutions offer small and medium sized businesses powerful VoIP phone systems that combine voice, data and video into one easy-to-use device, also known as unified communications. The G-Series is an affordable, scalable solution that enables customers to leverage traditional telephony networks and VoIP in a single device, which is controlled and managed via an intuitive web-based management interface, providing a centralized communication point.

The G-Series is a cost-effective solution, which can share a number of incoming phone lines and provides customized greetings per user. It is a true one inbox solution for email, fax and voicemail and offers lower long distance costs.

For Small Businesses

Positron Telecom's IP PBX business phone system is ideal for small businesses. It combines full function support of a PBX with the integration of both analog and VoIP telephony. It installs simply and quickly and supports the telephony needs of small businesses. It offers compelling features such as: voicemail to email conversion, integrated conference rooms, support for traditional music on hold, paging systems, two USB ports that can be used for increased storage capabilities or wireless access point support through third party adapters and an integrated four port Ethernet hub.

G-122

IP PBX solution for up to 15 users with four Ethernet ports (3 LAN, 1 WAN), two analog phone lines (2 FXO), two analog extensions (2 FXS) for phone or fax and two high speed USB ports.

G-1212

IP PBX solution for up to 60 users with four Ethernet ports (3 LAN, 1 WAN), 12 analog phone lines (12 FXO), two analog extensions (2 FXS) for phone or fax, two high speed USB ports and hardware echo cancellation.

G-124

IP PBX solution for up to 60 users with four Ethernet ports (3 LAN, 1 WAN), four analog phone lines (4 FXO), two analog extensions (2 FXS) for phone or fax, two high speed USB ports and hardware echo cancellation.

G-320

IP PBX solution for up to 60 users with four Ethernet ports (3 LAN, 1 WAN), single/ fractional T1/E1 PRI for digital telephone lines, two connections (2 FXS) for phone or fax, two high speed USB ports and hardware echo cancellation.

For Mid-Size Businesses

Positron Telecom's IP PBX business phone system is a communication platform for mid-size enterprises that enables a powerful suite of communication applications. It replaces legacy proprietary phone systems, supports standard SIP soft/hard phones and VoIP service providers as well as integrates the telephony network interface so that additional gateways are not required. This feature rich IP PBX business phone system, with unmatched performance and features, will increase the productivity of employees, reduce the support time required by IT staff and operate at a much lower cost than traditional phone systems.

G-600

IP PBX solution for up to 250 users with four Ethernet ports (3 LAN, 1 WAN), two or four T1/E1 PRI ports, two analog phone lines (2 FXO), two analog extensions (2 FXS) for phone or fax, SATA drive interface, hardware echo cancellation, voicemail to email conversion and integrated conference rooms. This standalone solution can be installed on any network quickly and easily.

G-Series System Specifications

	Small Business				Medium Business
	G-122	**G-124**	**G-1212**	**G-320**	**G-600**
Ports	2 FXO	4 FXO	12 FXO	T1/E1 PRI	2 or 4 T1/E1 PRI 2 FXO 4 Gigabit Ethernet
Users	15	60	60	60	250
Echo Cancellation (G.168)	Yes	Yes	Yes	Yes	Yes
FXS (Fax, Phone)	2	2	2	2	2
Conference Rooms	2	2	2	2	50
LAN/WAN	Yes	Yes	Yes	Yes	Yes
2 USB	Yes	Yes	Yes	Yes	SATA
Audio Input (Streaming music)	No	Yes	Yes	Yes	Yes
Audio Output (Paging systems)	No	Yes	Yes	Yes	Yes
Firewall	Yes	Yes	Yes	Yes	Yes