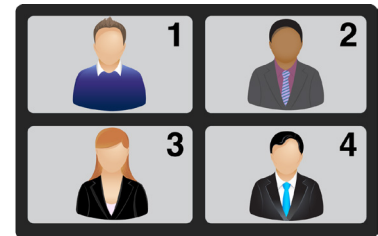


G-124V
G-600V

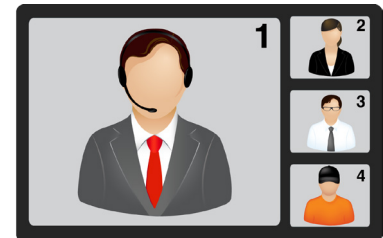
IP PBX Video Conferencing Systems

Positrons' video conferencing systems are an integral part of the G-Series feature rich IP PBX. The G-124V and G-600V offer complete video solutions enabling video-capable endpoints to establish video calls and participate in a video conferencing bridge without extra software license costs. Video conferencing improves interaction between people, productivity and efficiency. It is intended for desktop video conferencing on SIP enabled video phones on computers, on smartphones or tablets with soft phones. Every position/user or remote caller, if equipped with a videophone or soft phone, whether local or remote, can participate in a video conference. A video conference can be set up as easily as setting up an audio conference call.

- Screen automatically configures according to the number of participants
- Supports URI calling (allows a user to be located anywhere on the internet)
- Supports wide range of videophones including Aasta, Polycom, Grandstream, Yealink and Tandberg
- Increases productivity, the system transparently allows users to receive calls while in the office, on the road or working from home
- Much lower cost than traditional video conferencing systems
- Full access to all PBX users (no additional cost)



Standard Mode - Video Mixing



Standard Mode - Presenter Layout



Features

Modes of Operation

- Audio and Video Conferencing
- Point-to-point Video
- Video Conferencing with:
 - Standard Mode, Video Mixing
 - Presenter Mode Layout
 - Continuous Speaker Mode

Standard Definition Video and High Definition Audio

CIF and VGA video resolutions and G.722 HD VoIP are supported

High Definition Video

HD video quality conferencing in Continuous Speaker mode

Smooth Transcoding

Transcoding and trans-rating between different endpoints with unmatched media quality, plus mixing conference with different resolution

Seamless Interoperability

Provides standard based SIP protocol to connect different devices such as Aastra, Polycom, Grandstream, Yealink, Tanberg and iPad applications

Dynamic Video Switching

VAD and DTMF key allows to change from one place to another

Video Solution

Progressing from a point-to-point video call to a conference call with the current speaker displayed only or to a full video conference with full display of every participant

Intuitive Web Management

Control provided to all levels of participants, from conference moderators to invitee

Video Conferencing

- Manage enabling or disabling of a video conference room
- Supported frame rates: 15 to 30 FPS for QCIF and CIF; 15 to 24 FPS for VGA
- Use a URI name for conference selection
- Voice activity detection capability
- DTMF key switching
- Lock number of participants
- Select video mixing or continuous speaker mode
- Dynamic position switching of users in a layout

Video Conferencing - Standard Mode

- Video Mixing: multiple participants are displayed on the screen at the same time
- Presenter Mode: a conference room can be provisioned for presenter option where a participant can always be the presenter following provisioned settings. A conference can also be configured for two or three presenters.
- Active Speaker: a participant can become an active speaker by either pressing a sequence of keys (DTMF) or by relying on voice activity detection. The system shall switch the video stream to show the speaker. An active speaker is displayed in larger proportion using the presenter mode feature.

Features:

- Presenter Mode only
- Automatic transcoding for H.264, and H.263P codecs
- Supported video resolutions: QCIF, CIF and VGA
- Up to 9 QCIF conferences with a maximum of 4 participants per conference or a total of 36 participants
- Up to 3 CIF conferences with a maximum of 12 participants per conference or a total of 12 participants
- One VGA (H.264) conference with a maximum total of 4 participants
- Widescreen mode support
- Display of participants is defined by the system according to provisioned conference settings and the number of participating users
- Lock position of participants on screen
- 5 predefined layouts
- 5 distinct display modes

Video Conferencing - Continuous Speaker Mode

The Continuous Speaker Mode (CSM) involves no video mixing function. All streams from different users are delivered to G-600V at which point the same streams are forwarded to all participants in a provisioned conference.

- Active Speaker: The active speaker functionality is also available in this mode of operation. A participant can become an active speaker by either pressing a sequence of keys (DTMF) or by relying on voice activity detection. An active speaker is displayed using the presenter mode feature.

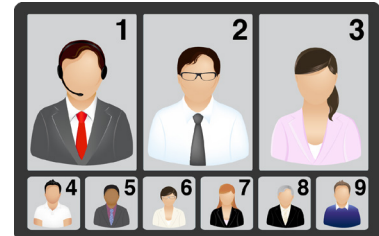
Features:

- No video mixing - one speaker is displayed at a time
- Presenter Mode only
- H.264 codec support
- Supported resolutions: QCIF, CIF and VGA
- Dynamic resolution adjustment

Standard Mode - Video Mixing



Standard Mode - Presenter Mode



Standard Mode - Multiple Presenters

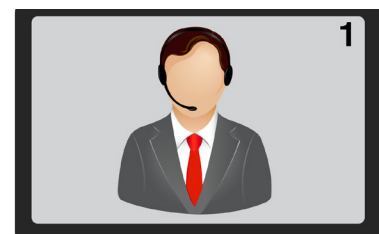


Standard Mode - Twelve Participants



Standard Mode - Layout Option

Continuous Speaker Mode



CSM - Active Speaker, No Video Mixing