

VPBX-1220

Video PBX

- **Powerful SIP audio & video PBX**
- **Wide range of connection options**
- **Interactive voice & video response**
- **Videomail**
- **Queue with interactive status**
- **Featurephone support**
- **Web based management**



Similar to telephones, Videophones in a corporate environment require a private branch exchange (PBX) to intelligently manage the calls.

The VPBX-1220 is a self-contained and complete PBX appliance that simultaneously supports 5 video calls and 10 audio calls. A total of 30 users can register with the system.

The VPBX-1220 PBX provides the same facilities that users of business telephones expect with the added dimension of video.

Business features like voicemail and videomail, call forwarding and transfer, access to telephone lines and the ability to authenticate users are available all VoIP phones, videophones and softphones.

For videophone users who may have had to dial static IP addresses and handle firewall traversal issues, the simple extension numbers, firewall friendliness, number portability, and ability to access the resources available to telephony users is invaluable.

Home users with a broadband connection and a SIP phone or videophone can access all of the resources available to office based users.



The system also includes a number of powerful additional facilities:

Inbound routing allows the assignment of DDI numbers for different users and departments.

A queue with voice and video prompting is included for a busy receptionist or customer service agent.

Hunt and ring groups allow calls to be routed to groups of users simultaneously.

Interactive voice and video response may be custom-configured to divert calls automatically to the correct department.

Every user has the ability to record a personal voice or video message.

The PBX also acts as a proxy server which increases the security and reduces the network administration.

The system is compatible with a wide range of VoIP phones, videophones, PBXs, and service providers supporting the SIP protocol.

Local and remote management is achieved through a web browser with intuitive menus for all elements of the configuration.

Comprehensive reporting facilities are available allowing the analysis of billing, system resources and line utilisation.

A range of optional extras includes:

A second Ethernet card that may be used to allow a private LAN and a public Internet connection.

G.729 transcoding for compressed voice.

A range of analog and ISDN cards.

An optional video MCU for continuous presence conference calls.

Specifications

Communications Protocols Supported

- SIP RFC3261, SDP RFC 2327
- Video H.264, H.263, H.261
- Audio G.711, G.722, G.728, G.729
- NAT/ PAT and Firewall Traversal support
- SIP Call extensions and DTMF signalling

System Performance/Resolution

- CIF video (352 x 288 pixels)
- QCIF video (176 x 144 pixels)
- QVGA video (320 x 240 pixels)
- CIF/QVGA/QCIF at 30 fps (at 384kbps)
- Bandwidths between 128kbps and 2Mbps

Communication Ports

- 1 Ethernet 10/100 interface

Software Features

- SIP Server
- SIP feature phone controls
- IP Address, E.164 alias dialling
- Real-time online statistical reporting
- Out of hours auto-attendant
- Video mail with user recorded greetings
- Email notification of video messages
- Queue with interactive audio and video
- Multi-stage IVR with user recordings & control
- Inbound routing on DID, CLID, time
- Password user authentication
- Call bandwidth control
- Trunk bandwidth control
- Unlimited hunt, memory hunt, ring groups
- Music on hold
- Live user status panel

Management Features

- Secure web server for local or remote configuration and management
- CDRs in PDF or CSV format

Telephony Features

- Hold, audio mute, forward, transfer, voicemail, conference.

Videotelephony Features

- Hold, video and audio mute, forward, transfer, videomail, optional continuous presence videoconference

Power

- Power consumption < 400 Watts
- External 10-240 VAC/ 50-60Hz

Physical & Environmental

- VPBX-2440- 19" W x 2 RMU H x 500mmD; 9.8 kg
- Temperature
 - Operating 0°C to 40°C
 - Storage -10°C to 60°C
- Humidity
 - Operating 20% to 90% (non-condensing)
 - Storage 10% to 95% (non-condensing)

Indicators

- 2 line backlit LCD display
- LAN, PSTN, Internet, ISDN status

Includes

- PBX
- Power Cord
- Cat5e Network Cable
- Installation Guide
- CD with technical reference

Hardware Options

- Second 10/100 Ethernet card
- Analog PSTN card
- 4 BRI Card
- PRI Card

Warranty

- One year parts and labour / return to base

