



# Utah Telehealth Network

## Polycom PVX Videoconferencing Units

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### **Overview:**

The quality of a PVX videoconferencing session is highly dependent on two things:

1. **The PC:**
  - The better the PC, the better the picture.
2. **The network:**
  - Videoconferencing works better in a private network instead of across the public internet.
  - Good videoconferencing requires a bandwidth of 384 Kbps upload and 384 Kbps download with 25% overhead.

### **PC System Minimum Requirements:**

For the Polycom PVX, you need:

- A PC with Intel Pentium IV 1.8 GHz or higher
- Microsoft Windows XP
- Internet Explorer® 6.0 or later
- Microsoft Direct X 9.0b or later
- Windows Media Player 9.0 or later
- A USB webcam ([see Logitech's collection](#))
- Broadband IP connection (LAN, DSL or Cable - minimum 128kbps upstream for internet connection)
- USB Port
- NIC (Network interface card) that can run at 100 Mbps full duplex
- Desktop PC with headphones, headset or external speakers
- Laptop PC with headphones, headset or internal speakers
- Microsoft® Internet Explorer Version 6.0 or later
- Windows Media® Player Version 10 or later
- Microsoft DirectX® Software Version 9.0c or later
- Microsoft NetMeeting® Version 3.01 or later

### **Security:**

- Turn off Microsoft Internet Firewall.
- Absolutely, positively must have antivirus software loaded onto the pc.

### **Network:**

1. **Recommend a static or reserved DHCP address.**
  - PC's NIC should be set and running at 100 Mbps full duplex.
2. **Open firewall ports:**
  - HTTP 1720
  - TCP 3230-3253
  - UDP 3230-3253

### **Notes:**

1. The PVX system does not work on Macintoshes.