

BVP8770M IP Videophone

This stylish compact IP Videophone from ProVu utilises IP Networks including Broadband / ADSL Internet connections to make real time video calls across the Globe with no call charges.

Key Features

- Works over broadband internet, so no call charges.
- Easy to use - just like a phone
- Compact desktop unit.
- Good Quality Audio and Video



This latest Videophone from ProVu is a market leader in terms of being a true Stand-alone easy to use IP videophone. To make a call just select contacts from the address book or dial the IP address and press the call button. Your IP videophone will then instantly connect with your remote contact and you will be able to enjoy real time quality video calls with out the worry of phonebill charges.

The latest model launched at the end of January 2003 now features an external microphone input and a conferencing Boundary microphone with extension cable, is available. This additional feature now provides full duplex audio when in hands-free mode and enables the videophone to be used for larger conferencing meetings.

For classrooms and group meetings the IP Videophone can easily be connected to a TV, Projector or Plasma screen for large screen display. There are also two additional camera in-inputs, which can be selected at the touch of a button. These are typically used for a Pan Tilt and Zoom camera for group meetings and or a Document camera for showing detailed documents or photographs etc.

This new videophone is ideal for any body wanting to make video meetings and utilise their IP Network or Broadband Internet Connection to communicate with others on a regular basis. Regardless of where your contacts are you can now use your IP / Broadband connection for making excellent quality video calls anywhere in the world.

Easy Installation

The end user can easily install the IP videophone, there is no need for an IT specialist although our help-line is available for any one who has difficulties. Just connect the videophone via a standard RJ45 Ethernet interface to your network or ADSL Router, then enter the videophone IP address to give the unit an IP identity and the phone is ready use. For customers not yet connected to Broadband ProVu are able to supply the complete ADSL package, including configured phone and router in conjunction with a leading UK ISP at very competitive rates.

As a general guide ProVu suggest that customers obtain from their Broadband supplier an Ethernet Router plus a small number (usually 8) of static public IP addresses. This will enable the user to connect both their computer and the videophone and apply a permanent IP identity to their videophone. Your IP videophone will then always be on and available to make and receive calls.

BVP8770M Specification

Features

- Built-in high quality CCD camera and 5" TFT-LCD display
- Ethernet network interface for all TCP/IP compatible networks, such as ADSL, Cable, LAN, VPN.....etc.
- Up to 24 frames per second real-time high quality video display (@CIF resolution)
- User-friendly OSD (On Screen Display) menu
- International standard ITU-T H.323 compatible
- Microsoft NetMeeting compatible
- H.323 VoIP compatible
- DHCP supported
- H.323 Gatekeeper supported for call management
- H.323 MCU supported for multipoint videoconference
- Gateway supported for video/voice call to PSTN and ISDN networks
- Hands-free mode supported
- Auto-answer mode supported
- Video privacy mode supported
- Audio mute mode supported
- Picture-in-Picture (PIP) mode supported
- Transmission frame rate / quality selection supported
- Phonebook supported (100 sets)
- External A/V input supported for other video source (2 sets)
- External A/V output supported for large display or video recorder (1 sets)
- External Microphone input for approved Boundary Microphone

Technical Data

• Standards Supported

System: H.323
Video: H.261, H.263
Audio: G.711, G.723.1

• Network connectivity supported

10 / 100Mbps Ethernet interface
TCP/IP, DHCP, PPPoE, NAT

• Bandwidth

Upper limit is user selectable in steps of 128, 256, 384, 516 and 640 Kbits/s.

• Video resolution

CIF (352x288 pixels)
QCIF (176x144 pixels)

• Video frame rate

Up to 24 frames per second (@CIF resolution)

• Video input

Built-in: CCD camera, NTSC or PAL
External: Two composite video inputs (RCA), NTSC or PAL

• Video Output

Built-in: 5" TFT-LCD display, NTSC or PAL
External: One composite video output (RCA), NTSC or PAL

• Audio input

Built-in: Handset, Hands-free speakerphone
External: Two line level audio inputs (RCA)

• Audio Output

Built-in: Handset, Hands-free speakerphone
External: One line level audio output (RCA)

• Connectors

RCA A/V input x 2, RCA A/V output x 1, RJ-45 network interface x 1, Power x 1

• Power

Auto-sense power supply
Operation voltage (AC Adapter): 100-240VAC, 50-60Hz
Power Consumption: 25 watts

• Physical Dimensions

235mm(L) x 234mm(W) x 90mm(H)

• Weight

1.5 kg