ProVu Communications
Leadtek BVP8882

IP Videophone

A winner in the CES Telephone Award category, the Leadtek BVP8882 is a stylish standalone videophone that makes video calls over an IP network & the Internet. Its built-in 5" TFT LCD screen and CCD camera can be rotated and tilted for various viewing angles. It supports both the H.323 or SIP communication protocols and connects to a broadband network via a router, ADSL modem, or cable modem making it compatible with pretty much any video & voice over IP services & systems.

One of the most unique features of the BVP8882 videophone is its built-in USB port. Devices such as a Wifi dongle (for wireless connectivity), memory storage device (for saving or retrieving video and audio)and keyboard (for entering text messages) can be connected to the USB port.

Key Features

- Supports H.323 or SIP
- DHCP & Static IP support
- Support H.261, H.263 Video Codecs
- NTSC or PAL video modes
- Built in high quality camera
- 5" Active Matrix TFT Screen
- Full duplex hands free with built in speaker & microphone
- On screen display menus
- Video answer phone for missed calls (stores up to 10)
- Compact Stylish Design
- Inputs for External Video Camera, external microphone & headset
- Phone book with 100 spaces
- Two USB connections for connection of USB wireless dongle, external storage etc...
- Caller ID Display
- Dual RJ45 Ethernet ports
- Composite Video Output

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Technical Data

Protocols
- H.323 ITU-T or SIP RFC3261
- H.261 & H.263 Video Codecs
- G.711, G.723.1, G.728, G.729a

Video Modes
- NTSC or PAL

Video Resolution
- CIF – 352 x 266 pixels
- QCIF – 176 x 144 pixels

Video Inputs
- Built-in High Quality Camera – Fixed focus, 250k pixels, f2.8, View Angle: 56.11degrees, AGC & White Balance
- External Composite Video Input

Video Outputs
- Built-in 5" Active Matrix TFT LCD 960 x 234 pixels
- Panning Angles: 270 degrees (anticlockwise 90deg, clockwise 180deg)
- Tilting Angles: 138 degrees (-3 to 135, -3 is closed)
- External Composite Video Output

Video Features
- Video Source Selectable
- Local, remote or Picture-In-Picture view
- Still, Privacy, PTZ control (optional)

Audio Inputs
- Headset
- Built-in Microphone
- External Microphone
- External Composite Audio Input

Audio Outputs
- Headset
- Built-in Speaker
- External Composite Audio Output

Audio Features
- G.711 at 56Kbps (u-law) / 64Kbps (a-law), G.723.1 at 5.3Kbps / 6.4Kbps, G.728 at 16Kbps, G.729a at 8Kbps
- Frequency Response: 50Hz ~ 3.4KHz
- Auto-Gain Control, Voice-Activity-Detection, Comfort Noise Generation, Mute, Out of Band DTMF, Volume Control

Network Interfaces
- 10/100 Base-T Ethernet x2
- Optional USB Wifi 802.11G

Network Support
- Support ADSL, cable, LAN & WAN
- Fixed IP or DHCP
- DHCP Client, IP, TCP, UDP, ICMP, RTP/RTCP, FTP Client, TFTP Client, IGMP, NTP, IEEE 802.1 p/Q

Phone Features
- Handset
- Wireless handset (optional)
- Full duplex hands free
- Phone book (100 entries)
- Inbox – Answered Call (10 entries)
- Inbox – Missed Call (10 entries)
- Outbox (10 entries)
- Redial
- Caller ID Display

User Interfaces
- On screen Display (OSD) Menu
- Status Icons
- LED Indicators (Service, Video & Message)
- Telephone Keys, Navigation Keys, Hot Keys, Soft Keys

Other Features
- Remote Firmware Upgrades

Terminal Connections
- DC in Mini-DIN6 (black)
- COM Mini-DIN8 (purple)
- A/V In/Out Mini-DIN8 (yellow)
- MIC In Jack (mono)
- Ethernet RJ-45 x2
- USB Type A on rear panel
- USB Type A on side panel
- Handset RJ-22

Dimensions
- Display closed: 217mm(L) x 191mm(W) x 70mm(H)
- Display open: 217mm(L) x 191mm(W) x 203mm(H)

Power
- Power Consumption: 25 Watts
- Operating Voltage of AC adaptor: 100-240VAC, 50/60Hz