

# ProVu WVP-2000 IP Videophone

ProVu's WVP-2000 videophone delivers professional 'Real Time' video communications over the Internet without any call charges. The WVP-2000 enables people to enjoy audio-visual communications with business colleagues, friends and family anywhere in the world without the worry of call costs by utilizing high speed Internet connections such as ADSL Broadband.

The WVP-2000 is ideal for small group meetings in the office, home and classroom environments. It is also popular with Deaf Organisations because the video quality is suitable for sign language communication and interpreting services.

## Standalone desktop unit

The WVP-2000 is a very simple, easy to connect, standalone videophone that is used in the same way as a normal telephone. There is no need for a PC, IT expertise or any headset equipment. It is easy to connect to a TV or projector for occasions when a large screen display is required. The external camera input enables the videophone to be used for group meetings or for surveillance purposes. Far end camera control is available.

## Video Answer-phone

The Videophone includes a digital video answer phone. You can record a video greeting that is played to callers in your absence. Callers are then able to record a video message for you to watch on your return.

## Easy Installation

The WVP-2000 requires a high speed ADSL Broadband line with a Public / Static IP address. If you are not sure if you have this already or would like more information just contact ProVu. WVP-2000 will also require a network connection normally provided by an Ethernet Router. There are a wide range of routers available however, ProVu have found from experience the Draytek 2600 router is both easy to configure and very reliable for ADSL connections.

ProVu are able to supply a complete package of broadband internet connection, router and Videophone, all ready to go.

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## Key Features

- 20 Minute audio and video answerphone.
- Easy to use Touch Screen Display.
- Large 5.6 inch LCD screen.
- 300 Entry phonebook and call history.
- PSTN connection for normal voice calls.
- SIP or H.323 standards available.

## Typical Applications

- Video meetings.
- Deaf sign language communication.
- Tele-medicine.
- Distance learning.
- Cultural exchanges.
- Next Generation Telecom Services.

# WVP-2000 Specification

## Primary Features and Functions

- **Video / Audio Answer phone**

20 minutes recording time  
Callers can record a message for you.

- **Speakerphone**

For hands free conferencing with full duplex audio.

- **Phonebook**

Stores up to 300 contacts

- **Call History**

Stores last 300 dialled and received calls.

- **Touch Screen Display**

For quick and easy operation.

- **IP Sharing**

Built-in NAT (Network Address Translator) Enables your PC and Videophone to share same Network connection to the Internet.

- **PSTN Phone line Interface**

Connects to standard phone line for normal voice calls.

- **Privacy (Video suspend)**

Users can disable video transmission to maintain privacy.

- **Audio Mute**

Users can disable audio for privacy.

- **Speed Dialling**

Allocate frequently used numbers for fast dialing.

- **Redial key.**

Instant redialling at the touch of a button.

- **Caller ID**

The phone numbers of incoming calls are displayed.

- **External Device Connectors**

Connections for external video display and cameras.

## Technical Data

- **Standards Supported**

System: H.323 or SIP (specify which when ordering)  
Video: H.261, H.263  
Audio: G.711 (A and u), G.723.1, G.728

- **H.323 v2**

ITU International Standard for Voice and Video over IP.  
H.323 Gatekeeper supported for call management and  
H.323 MCU supported for multipoint videoconference  
Voice over IP compatible.

- **SIP**

IETF International Standard for Voice and Video over IP.

- **Network connectivity supported**

2 x 10 Mbps Ethernet interfaces  
TCP/IP, DHCP, PPPoE  
Built in NAT (IP share)

- **Bandwidth**

Upper limit is user selectable in steps of 64,128, 256, 384  
and 512 Kbits/s.

- **Video resolution**

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

- **Video frame rate**

Up to 24 frames per second (@CIF resolution)

- **Audio**

Full Duplex, Automatic Echo Cancellation, Automatic gain  
control, Automatic noise suppression.

- **Video input**

Built-in: CCD camera  
External: composite video input (RCA) - NTSC or PAL

- **Video Output**

Built-in: 5.6" TFT-LCD display.  
External: One composite video output (RCA), NTSC or PAL

- **Audio input**

Built-in: Handset, Hands-free speakerphone  
External: Line level audio input (RCA)

- **Audio Output**

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

- **Connectors**

RCA A/V input, RCA A/V output, RJ-45 network interface  
x2, Power, POTS, RS232

- **Power**

Operation voltage (AC Adapter):  
220VAC, 50~60Hz. UK plug supplied - others on request.

- **Physical Dimensions**

220mm(L) x 245mm(W) x 240mm(H)

- **Weight**

1.5 kg

Specifications subject to change without notice.