

AP-100

VoIP Video Phone

- Telephone simplicity
- Integral web browser
- 12" Colour LCD touchscreen
- Broad compatibility (H.323 and SIP)
- Intelligent bandwidth control
- Handsfree, handset and headset
- Featurephone support
- Video and audio I/O for groups
- Web based management



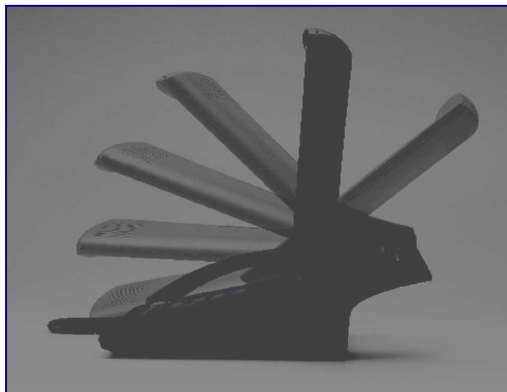
VoIP Video Phone

AuPix, pioneers of voice and video telephony, provide "the ultimate telephone" in the AP-100. No other telephony device provides such a range of communications features in one, compact solution.

The AP-100 delivers unparalleled performance thanks to its powerful architecture, combining the simplicity of a telephone with the power of a group videoconferencing system for enterprise, small, and medium sized business customers.

The AP-100 uses the latest advancements in video and VoIP technology, not only addressing the needs of the executive or major decision maker, but also bringing network resources to users without PCs.

The AP-100 includes a high resolution colour touchscreen display and a full web browser for easy access to company



communications, the Internet, portals, and timesaving features & applications. It also enables developers to deliver innovative Java and browser based applications.

A high quality camera delivering TV frame rates (above 384kbps), together with a rich handsfree speakerphone and headset connection puts you in the driving seat when working with geographically diverse teams.

AP-100 IP Video Phone Features

The AP-100 IP video phone features flash architecture, allowing it to grow and develop as industry standards evolve. Many methods may be employed to access different features on the phone including the telephone keypad, the touchscreen or the optional infrared keyboard and mouse. These may be used alternately according to user preference.

The AP-100 does not require hands-on changes. By simply picking up the video phone and connecting it anywhere on the network, a user can retain the same number and access all features without the help of a system administrator.

An internal 3 port 10/100 Ethernet switch allows the AP-100 to share a LAN connection with an attached PC.

Specifications

Communications Protocols Supported

- SIP RFC3261, SDP RFC 2327
- ITU-T H.323
- 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
- IP Precedence for Audio, Video, Text & Data

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

Video

- Internal CCD colour camera (fixed focus)
- 1 composite video input (PAL/NTSC auto sensing)
- Integrated XVGA 12.1" Active TFT LCD Display

Audio Operating modes

- Handset (included)
- Headset (optional)
- Hands-free

Audio Inputs

- 3.4 kHz handset with hearing aid induction loop
- Internal microphone
- Microphone
- 1 Line level

Audio Outputs

- Internal speaker
- Line level

Communication Ports

- 3 Ethernet 10/100 interfaces
- 2 RS-232 ports (up to 460.8 kbps, DB9 interface)
- IR interface for use with optional wireless keyboard

Control inputs

- Touchscreen
- Telephone style keypad
- IR remote keyboard (optional)

Special features

- Clamshell design
- 1024 x 768 pixel LCD display with touchscreen
- Focus free internal colour camera

Software features

- Icon based user interface
- Remote web management
- Web browser
- Graphical telephone directory (>100 entries)
- Extensive call logging facilities
- Self view (moveable, sizable)
- 10 number speed dial
- Full feature phone functionality
- Image snapshot facility
- Audio mute & video freeze privacy modes
- Compatible with industry standard H.323 gateways, gatekeepers MCUs and SIP softPBX's
- Simple installation using start up wizard
- Free downloadable firmware updates/upgrades
- Java® based graphical user interface capable of running 3rd party Java applets
- Hands free operation with sub-band acoustic echo cancellation and active noise suppression
- Customisable wall paper
- Real time clock / SNTP support
- Selectable languages available on request
- Illuminated ring indicators on base and display

Power

- DC input requirement nominal 12 V
- Power consumption:
 - < 30 Watts; < 10 Watts standby
- External 85-265 VAC 50-60Hz auto sensing supply

Physical / Environmental

- Folded size 270mm (w) x 290mm (d) x 135mm (h)
- Weight 3.7 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)

Accessories

- CAT5 Ethernet cable, length 5m
- Power cord, length 4m (including external power brick and cord)
- IR Keyboard (optional)
- User Guide on CD

Warranty

- One year parts and labour
- Extended Warranty available



Rear connections to the AP-100



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