

Overview

Vilink's VP-4400S is a standalone set top video conferencing station with a built in PTZ camera. The VP-4400S product is a high end H.320/H.323 dual mode codec that can be used for board room, meeting room, video conferencing. It was designed for simple installation and configuration, has an intuitive graphical user interface (GUI), high video quality (30 fps with H.263+ enhanced video standards), and comprehensive conference control even during a multipoint video conference. The VP-4400S is made to be compatible with current video conferencing systems such as Polycom and Tandberg.

The user-friendly graphical interface provides ease of use and configuration. The VP-4400S can also be configured via a standard web browser such as IE. A PIP mode allows dual transmission of images to the remote sites. PC applications such as Microsoft® PowerPoint® and Word® can be sent to remote sites in real time. Making a call from the VP-4400S is as simple as selecting a name from the address book. A multisite video conference call is done in the same fashion, and can be initiated and controlled by any terminal without any need for additional configuration. The video output is automatically bridged when additional calls are made or received.

Video quality is clear and smooth thanks to a patented video pre-processing algorithm. Large flashing areas, blocks, sawtooth edges are virtually eliminated. Video frame rates of 15 fps (64 kbps ~ 192 kbps) up to 30 fps (256 kbps ~ 2 Mbps) are achievable with H.263+ enhanced video standards.

Extraordinary audio quality is another feature of the VP-4400S. Full-duplex digital audio with acoustic cancellation, automatic noise suppression, and automatic gain control make the audio quality both clearer and louder than other standard IP phones on the market.

The VP-4400S integrated pan/tilt/zoom camera has a Super HAD CCD sensor that provides crystal clear images. The camera also has 10x Optical and an additional 4x Digital zoom. Control of the camera as well as the graphical user interface is all done with a simple hand-held remote control or can be done through any web browser.

Built in QOS technologies ensure the conference continuity in the event of heavy network congestion or interruption.



Features

- Point to Point and Point to Multipoint Video Conferencing
- Integrated Pan/Tilt/Zoom Camera (10x optical zoom, 4x digital zoom,
- High Quality Video with Video Enhancement Technology
- On-screen Graphical User Interface, Hand-held remote control, and Web browser interface
- Frame rates up to 30 fps
- Dual-view transmission, picture-in-picture

Applications

- Board/meeting room video conferencing
- Multisite video conferencing
- Distance Learning
- Remote monitoring over LAN or WAN
- Realtime project collaboration

Ordering Information

Model	Description
VP-4400S	Video Conferencing Station with built in PTZ camera and multisite capability

Specifications

Model:	VP-4400S
Architecture	Compact Set Top Terminal
Network Interfaces	IP: 10/100Base-T / RJ45
Standards	ITU-T: H.320 (px64); H.323 Video: H.261, H.263, H.263+ Audio: G.711, G.722, G.728 Data: T.120 Others: H.221, H.242, H.243, H.281, H.225, H.245 and BONDING
Transmission Speeds	64 kbps ~ 2 Mbps
Video Resolutions	Composite/S-Video: SQCIF, QCIF, CIF 1024x768: 800x600; 640x480
Integrated Camera	Image Sensor: 1/4" Super HAD CCD Pixels: 768x494 (NTSC); 752x582 (PAL) Resolution: 470 Lines (NTSC); 460 Lines (PAL) Lens: Optical Zoom 10x, Digital Zoom 4x Pan/Tilt: Horizontal (+/- 100 deg, 300 deg/s) Vertical (+/- 25 deg, 125 deg/s)
Graphics Resolution	4CIF
Frame Rates	15 fps: 64 kbps ~ 192 kbps 30 fps: 256 kbps ~ 2 Mbps
Video Input	NTSC/PAL; S-video/Composite
Video Output	NTSC/PAL; S-Video, Composite, 15 pin VGA
Audio Input	2 Microphone: Balanced, stereo jack Line Level: Unbalanced RCA VCR: Unbalanced RCA
Audio Output	2 Main monitor L&R: Unbalanced RCA VCR: Unbalanced RCA

Data Port	2 RS-232 for Camera Control, DB9
Full-Duplex Digital Audio	Instant adaptation echo cancellation, automatic gain control, automatic noise suppression
Display	Dual view transmission, caption, picture in picture
Diagnosis & System Management	Software upgrade via PC or remote terminal Management via IE Browser, Telnet, Remote Control Event log record export System configuration import and export
Ethernet Internet Intranet Connectivity	TCP/IP, DHCP, ARP, Telnet, HTTP, PPPoE, Internal Web Server T.120 interface with Microsoft NetMeeting Connect to dual-networks with different IP addresses
Conference Control	Site Call Address Book Multipoint conference control Conference control authentication
Presentation / Collaborations	T.120 data conference (compatible w/ Microsoft NetMeeting) High resolution still image transmission
Terminal Control	Hand-held remote control On-screen Graphical User Interface Web browser interface
Dimensions	363mm x 230mm x 140mm (L x W x H)
Weight	3 kg
Environment	Operating: 0 ~ 45C Storage: -40 ~ 70C Relative Humidity: 10% ~ 90%
Electrical	Autosensing power supply 100-260 VAC / 47 ~ 64 Hz; 40 W
Certifications	FCC Part15, UL, CE, CCC

Application

