



## Technical Whitepaper

Introducing an ideal way to move away from impersonal conference calls and exhausting travel. Vu TelePresence® is a better way to do business with HD quality video between you and the person you are talking to. Vu allows you to meet others around the globe and feel as though they are really across the room - surprisingly on low bandwidth and low budget.

We aim to replace one of the most revolutionary inventions ever: the telephone. Transform the way you connect with your clients by replacing ever vents or large numbers of participants in a web conference.

Vu TelePresence®, the Telepresence for Business Owners, is the new way to communicate and collaborate and provides you:

- HD Quality Video Conferencing on Low Bandwidth
- Multi-Party Conferencing
- PC Sharing & Collaboration
- Recording and Archival of Telepresence sessions
- Worldwide Vu Access
- Intuitive User-Interface

**Vu TelePresence® Pro** provides you the flexibility to work in your own environment while still making it to those important meetings across the country and avoiding those delayed and cancelled flights. Your staff will appreciate the ease of collaboration provided by Vu TelePresence® Pro, and you will enjoy the increased productivity and profitability of teams working in unison around the globe.

Be comfortable. Work where you wish. Get Vu'ed! The Pro is perfect for private conversations between 5 locations, using 1 or 2 screens, 1 PTZ (Pan Tilt Zoom) camera and a standard codec. It is ideal for home offices, individual practices, employee conferences, remote workers, employee offices and even the CEO's suite. This product comes with an option of 720p and 1080p HD video cameras.



# Technical Specifications

# Hardware

## Speaker



### Chipset:

- High End 8CH DAC & 2CH ADC Integrated USB Chipset
- Low Noise Class-D Digital Amplifier
- High Quality Speaker Drive: Left/Right 2" 8W x 2 Subwoofer 2 1/2" 12W x 1

## Keyboard & Mouse



- 123-key Keyboard
- Ergonomic Design

## HD Camera



- 1080p/30fps or 720p/60fps
- HDMI Interface
- Pan Tilt and 55 Degrees FOV
- 10x Optical Zoom
- TV Mountable
- Min Sensitivity: 10 Lux
- Multi-Function Remote Controller

## Video Specifications/ Video Resolutions & Format

- Proprietary VirtualFacets™ Compression Technology
- Maximum resolutions widescreen 16:9 aspect ratio all resolutions progressive scanning
- All resolutions at 30 or 60 frames per second

## Audio Standards & Protocols

- HD Wide Band Codec
- Audio Input/Output
- 1 x Mic In
- 1 x Speaker Out

## Directory & Address Book

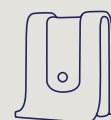
- Up to 1000 local directory entries

## Media Control Unit/Codec



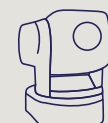
- VirtualFacets™ Compression Technology
- Parallel Processing using Multi-Core Processors
- Multi-Party Conferencing
- Easy PC Screen Sharing across Microsoft Windows® XP/Vista/Windows7
- Recording and Archival of Video Sessions (stores up to 1500 hours of conferences)
- Built-in Rich Web Client (Participants don't need Vu TelePresence® unit)
- Built-in Presence Capability
- One-to-Many Web Broadcast

## Microphone



- Crisp, Clear Audio
- Full Duplex
- Acoustic Echo Cancellation
- Noise Cancellation
- 7 feet Pick up Range

## HD ready Camera



- 720p at 30fps
- FireWire HD Quality Camera
- Pan Tilt and 65 Degrees FOV
- 3.8x Optical Zoom
- TV Mounted Camera
- Sensitivity: 1.5 Lux
- Gain 0 To 36db
- Offset: 0 To 511
- High Quality Lens

- Missed Call Notification
- Received/Dialed Call Directory

## Audio Characteristics

- High Definition Audio
- Full duplex for natural conversations
- Echo Cancellation for echo-free calls
- Automatic Gain Control

- Automatic Noise Reduction

## User Interface

- Intuitive Graphical User Interface

## Directory

- International Language Support

