



ClearView Desktop: Right - HD or SD USB camera. Left - acoustic echo cancellation with microphone and speaker.

## DESKTOP VIDEO CONFERENCING SERIES

BrightCom's Desktop Video Conferencing Solutions provide users the ability to broadcast high definition or standard video and audio within data conferences and/or point-to-point video conferences from the comfort of a private office, truly enhancing the collaborative conference environment.

## ClearView Desktop HD ClearView Desktop SD

Built for the personal office, ClearView Desktop Video Conferencing delivers HD or SD quality video conferencing with CD quality audio. Packaged with an all in one microphone, speaker and acoustic echo cancellation system, desktop conferencing was never so easy to plug in and connect with anyone around the world.

Extending this natural environment for communication, BrightCom's Visual Collaboration System 2.0 provides telepresence meeting administration, scheduling, firewall NAT traversal and a full suite of interactive data sharing functions. Alongside multiple data broadcasts, VCS can display up to 16 video displays with an unlimited amount of participants connecting from telepresence and video conferencing solutions around the world.

### Components

- BrightCom fixed HD or SD USB 2.0 camera
- Acoustic echo cancellation with integrated microphone and speaker

### Features at a Glance

- Display up to 16 video broadcasts with an unlimited number of meeting participants
- Conduct multiple and simultaneous meetings
- Adaptable bandwidth options
- Intuitive, multi-panel display for video and data
- HD or DVD quality video
- CD quality audio
- Hands free audio
- Flexible connectivity to Lumina Telepresence, ClearView Conferencing or SIP enabled conferencing systems

\*Requires Visual Collaboration System Server  
\*\*No MCU required

# BrightCom™

## ClearView Desktop

### Unit Contents:

CVPC50HD: HD resolution camera, Acoustic Echo Canceller with integrated microphone and speaker, cabling,

CVPC50SD: DVD resolution camera, Acoustic Echo Canceller with integrated microphone and speaker, cabling,

### Audio Inputs

1 x integrated microphone

### Audio Outputs

1 x integrated speaker

1 x stereo-mini main audio

### Audio Specifications

CD-Quality

Echo Cancellation with integrated microphone

Background noise reduction

### Video Specifications

CVPC50HD: 720p @ 30fps

CVPC50SD: (CIF) 352x288 @ 30fps

### Bandwidth

CVPC50HD: Dynamically scalable bandwidth up to 2Mbps

CVPC50SD: Dynamically scalable bandwidth from 56k to 1Mbps

### Camera

CVPC50HD:

HD Camera

USB 2.0

Manual Focus

Support for Windows, Linux and Macintosh platforms

CVPC50SD:

SD Camera

USB 2.0

Manual Focus

Support for Windows, Linux and Macintosh platforms

### Multiway Conferencing

Up to 16-way conferencing without an MCU with BrightCom Visual Collaboration System

Conduct multiple and simultaneous meetings

Desktop may interconnect to BrightCom's Lumina Telepresence and ClearView Room and Mobile

Cart Video Conferencing or SIP enabled conferencing systems

### User Interface

User-friendly remote controllable graphical interface

Dialing/ Answering

Multi-way conference calling

Local and remote camera controls

Automatically populated address book no call/phone number setup required

Awareness: remote user status, description, time, and time zone

"Do Not Disturb" option

Configuration options for IP Address and

Single environment of Data and Video Conferencing

### Administration

Minimal local administration is done through the User Interface

Most administration may be performed through a web-based interface hosted by the BrightCom

Visual Collaboration System

### Directory Integration for Desktop Users

LDAP

Optional Integrated Directory

### Security

AES encryption on all audio and video data

SSL security protocol applied on all other forms of communication

Administration password required

### Software Updates

Updates applied on the Visual Collaboration System are automatically distributed to desktop PCs

Benefits include: new features and performance upgrades

### Supported Standards

H.264, G.722, VISCA, RTP(RFC 1889), RTSP (RFC 2326), Tunneled-RTSP (RFC 2326), SDP (RFC 2327), XML-RPC, AES, SSL, MD-5, HTTP, TCP, UDP, DHCP, SIP

### Recommended Requirements

1 x Visual Collaboration System

10Mbit IP Network Connection

1 serial port

Monitor Resolution: greater than 1024x768

2 Ghz processor

512 Mb RAM

### Recommended Deployment

MPLS (or similar) enabled network for optimal bandwidth performance

Adequate lighting for optimal camera performance

All specifications are subject to change without notice.

Specifications may vary between model versions.

Actual products may differ from images representing them in these documents.

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