



## DESKTOP/PC VIDEO CONFERENCING SERIES

Our Desktop Series provide users the ability to broadcast high-resolution video and audio within data conferences and/or point-to-point video conferences from the comfort of a private office, truly enhancing the collaborative environment.

## ClearView Desktop/PC

ClearView Desktop/PC extends the value of any ClearView Conference Room solution. Simply inserting a card into any desktop PC will connect desktop users to the conference room or other ClearView PC users from anywhere in the world. The package includes an optional high-end PTZ camera, ClearView video conferencing card and an echo cancellation microphone, for hands-free audio.

ClearView PC seamlessly integrates within BrightCom's Visual Collaboration System, enabling seamless video and data conferencing. Users can broadcast high-end video to participants with no hardware on the receiving end, providing the quality of a high-end video system.

### Components

- BrightCom fixed or pan-tilt-zoom camera
- Acoustic echo cancellation microphone
- BrightCom video conferencing card for personal computers\*\*

### Features at a Glance

- 16-way high quality video conferencing
- Conduct multiple and simultaneous meetings
- Adaptable bandwidth options
- Intuitive, multi-panel display for video and data
- DVD quality video
- CD quality audio
- Flexible connectivity to ClearView Conferencing or SIP enabled systems

\*Requires Visual Collaboration System Server  
\*\*PC must be able to support a full size PCI card



## ClearView PC

### Unit Contents:

CVCPC 100: ClearView (Codec) Card, Fixed camera, Echo canceller with integrated microphone, Cabling

CVCPC 100PTZ: ClearView (Codec) Card, Pan-Tilt-Zoom camera, Echo canceller with integrated microphone, Cabling

### Optional Accessories:

Wall or Ceiling speakers  
Custom Camera

### Audio Inputs

1 x RCA/Phono, composite

### Audio Outputs

1 x stereo-mini main audio

### Audio Specifications

G.722 Compression  
CD-Quality  
Echo Cancellation with integrated microphone  
Background noise reduction  
Audio/Video Synchronization

### Video Inputs

1 x RCA/Phono, composite

### Video Specifications

(CIF)352x288 @ 30fps for optimal video quality to bandwidth ratio  
Optional (4CIF)704x576 video resolution  
H.264 Compression

### Bandwidth

Dynamically scalable bandwidth from 56k to 1Mbps

### Connectivity

Firewall/NAT Traversal  
Proxy Traversal

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### PTZ Camera

NTSC/PAL  
768x494 (NTSC) / 752x582 (PAL)  
Lens: f=3.9mm-85.5mm, F=1.6  
0.1 Lux  
10x Optical Zoom  
Pan range: 0°-300°  
Tilt range: -30°-90°  
Video outputs: RCA, S-Video  
6 Presets  
Auto or Manual Focus

### Multiway Conferencing

Up to 17-way conferencing without an MCU  
PTZ control of any remote camera  
Desktop as well as conference room participants may interconnect

### User Interface

User-friendly remote controllable graphical interface  
Dialing/Answering  
Multi-way conference calling  
Local and remote camera PTZ 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 PTZ presets  
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.