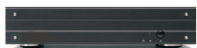




42" LCD Monitor



ROOM CONFERENCE SERIES

Our Conference Series line of products offer fully integrated solutions that provide a collaborative conference environment out of the box for small to large conference rooms. Each product can be customized and enhanced using a wide range of BrightCom peripherals and accessories.

ClearView 1000HD ClearView 1000SD

Designed for small to medium size meeting rooms, this integrated video conferencing system provides multi-wayHD or standard DVD quality video conferencing with superior audio on a 42" or 52" LCD monitor.

ClearView 1000 can easily connect to conference rooms, desktops or other remote users uniting your business around the world. Visual Collaboration System 2.0 provides meeting control, administration and content sharing for high quality video, audio and data conferencing, truly enhancing your collaborative environment.

Components

- ClearView console
- 42" or 52" LCD Monitor
- High definition or standard definition BrightCom pan-tilt-zoom camera
- Acoustic echo cancellation microphone

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
- HD or DVD quality video and CD quality audio
- Video, data and audio conferencing
- Intuitive, multi-panel display for video and data

*Requires Visual Collaboration System Server
No MCU required



ClearView 1000HD

ClearView 1000SD

Unit Contents:

CVC 1052HD: 52" LCD monitor, HD PTZ Camera, Remote Control, ClearView (Codec) Console, Echo canceller, 1 Microphone, Cabling
CVC 1052SD: 52" LCD monitor, PTZ Camera, Remote Control, ClearView (Codec) Console, Echo canceller, 1 Microphone, Cabling
CVC 1042HD: 42" LCD monitor, HD PTZ Camera, Remote Control, ClearView (Codec) Console, Echo canceller, 1 Microphone, Cabling
CVC 1042SD: 42" LCD monitor, PTZ Camera, Remote Control, ClearView (Codec) Console, Echo canceller, 1 Microphone, Cabling

Optional Accessories:

Pedestal
 Wall-mount
 Wall or Ceiling speakers
 Custom Camera
 HDMI Adapter

Audio Inputs

1 x RCA/Phono, composite
 Expandable to 16 stereo microphone inputs

Audio Outputs

1 x stereo-mini main audio

Audio Specifications

G.722 Compression
 CD-Quality
 Audio Mixer
 Wideband Echo Cancellation
 Background noise reduction
 Audio/Video Synchronization
 Stereo speakers and microphone

Video Inputs

1 x RCA/Phono, composite
 Optional HDMI Adapter

Video Outputs

1 / DVI

Video Specifications

ClearView 1000HD
 HDTV up to 1080p @ 30fps for optimal video quality to bandwidth ratio
 Optional 720p, 576p, 576i, 480p, 480i (@30-fps) video resolution
 H.264 Compression
 User interface resolution: HD 1080p
 Picture-in-Picture (local video preview)
ClearView 1000SD
 (CIF)352x288 @ 30fps for optimal video quality to bandwidth ratio
 Optional (4CIF)704x576 video resolution
 H.264 Compression
 User interface resolution: HD 720p
 Picture-in-Picture (local video preview)

Network Interfaces

1 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit for network connection

BrightCom, Inc.

5811 McFadden Ave.
 Huntington Beach, CA 92649
 Tel: 877-483-9737
 Fax: 714-901-2056
 Email: Sales@BrightCom.com

Network Interfaces

1 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit for network connection

ClearView 1000HD

High Definition PTZ Camera

High Definition Resolution
 1080/59.94i
 Lens: f=3.4mm-33.9mm, F=1.8-2.1
 0.1 Lux
 10x Optical Zoom
 40x Digital Zoom
 Pan range: +/-100°
 Tilt angle: +/-25°
 Horizontal View Angle: 70°
 Minimum Object Distance: 100mm
 Video outputs: RCA, S-Video
 6 Presets
 Auto or manual focus/brightness/whitebalance

ClearView 1000SD

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

Connectivity

Static IP Address
 DHCP
 Firewall/NAT Traversal
 Proxy Traversal

Bandwidth

ClearView 1000HD

1080p@60fps - 5.2 Mbps per stream
 1080p@30fps - 2.6 Mbps per stream
 720p@60fps - 2.5 Mbps per stream
 720p@30fps - 1 Mbps per stream
 Dynamically scalable bandwidth. Bandwidth adjust intuitively to fit system broadcast requirements.

ClearView 1000SD

Dynamically scalable bandwidth from 56k to 1Mbps.
 Bandwidth adjust intuitively to fit system broadcast requirements.

Multiway Conferencing

Up to 16-way conferencing without an MCU
 Conduct multiple and simultaneous meetings
 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
 Controlled by 22 button remote control
 Configuration options for IP Address and PTZ presets
 Single environment for 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 2.0

Directory Integration for Desktop Users

LDAP
 Optional Integrated Directory

Security

AES encryption on all audio and video data
 SSH security protocol applied on all other forms of communication
 Administration password required

Firmware Updates

Updates applied on the Visual Collaboration System 2.0 are automatically distributed to ClearView (Codec) Consoles
 Benefits include: new features and performance upgrades

Supported Standards

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

Power

100-250VAC, 50-60Hz

Dimensions (as shown with camera)

Width: 1240 mm
 Height: 1035 mm
 Depth: 400 mm

Minimum Requirements

1 x Visual Collaboration System 2.0
 10Mbit IP Network Connection

Recommend 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.