

# APV200-IP

AUDIO PERFECT® VIDEOCONFERENCING CODEC



## PRODUCT OVERVIEW

APV200-IP is the newest addition to the Audio Perfect® family of products. The APV200-IP is a fully-integrated codec available at a settop price. Gentner now brings you not only perfect audio, but perfect video as well.

The APV200-IP is a flexible, complete H.323-ready videoconferencing codec that connects directly to any size TV, LCD projector, flat screen, PC, or laptop, and it is compatible with all standards-based videoconferencing systems worldwide. Contained within the APV200-IP is an embedded Web server that is accessed via the 10/100Mb Ethernet connector. This port allows you to configure, operate, and run diagnostics from anywhere there is a LAN/WAN, Internet, or intranet connection. The API lets you control the unit through the RS232 port. Plus, the APV200-IP's sound system provides life-like audio with excellent audio synchronization to the video.

The APV200-IP system includes a codec, remote control, and one microphone. You can expand the APV200-IP to include additional audio and video components, and, when connected to a complete Audio Perfect system, the APV200-IP can support up to 64

microphones and multiple cameras. You can also connect other equipment, such as VCRs and DVD players, allowing you to record and play back videoconference calls.

You can easily configure, operate, and even troubleshoot the APV200-IP through its new graphical user interface displayed on your viewing screen—using just the remote control. You also use the improved, user-friendly remote control to control both local and remote cameras, and dial videoconference calls. The APV200-IP is PC-compatible, allowing you to plug it directly into any PC or laptop for whiteboarding, file or application sharing, and using Microsoft® Net Meeting™.

## APPLICATIONS

- Courtrooms
- Distance Learning
- Document Sharing
- Engineering Collaboration
- Multi-Facility Management
- Point-to-Point and Multi-Point Bridging
- Sales Meetings
- Telemedicine
- Training Meetings

## FEATURES/BENEFITS

- Standards based H.320
- H.323 ready
- 384Kbps – 30 frames per second
- Compatible with all standards-based videoconferencing system
- Three versions available: U, S/T, and V.35
- Built-in NT-1's (U version)
- 100% computer free
- Plug-n-play
- Application Programmer's Interface (API)
- Full operation with remote controller
- Two high speed serial ports (115Kbps RS232)
- ISDN and BRI networks (U and S/T versions)
- PRI and T1/E1 networks (V.35 version)
- Multiple camera inputs
- Near & far end remote camera control
- Full collaborative functionality (NetMeeting, PowerPoint, file sharing, whiteboarding)
- Compatible with all popular multi-point bridges
- Built-in IMUX, standard on the U and S/T versions

**Gentner®**

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# APV200-IP

## AUDIO PERFECT® VIDEOCONFERENCING CODEC

### SPECIFICATIONS

#### Videoconferencing standards

- H.320
- H.323 ready

#### Network Capability

- ISDN and BRI (U and S/T versions)
- PRI and T1/E1 (V.35 version)

#### IMUX:

- Built-in, standard on the U and S/T versions

#### BONDING

- Call all other VCS standards-based systems (standard on 384 engines)

#### Video Compression

- H.261
- H.263

#### Audio Standards

- G.711
- G.722
- G.728
- Full duplex echo cancellation

#### H.281 Remote camera control

- Near and far end camera control

#### Two Video Inputs-Camera Input

- Composite/S-video input #1 (NTSC or PAL)
- Composite/S-video input #2 (NTSC or PAL)

#### Video Output

- Composite/S-video output (NTSC or PAL)

#### Audio Inputs

- Electret microphone included. Line level input.

#### Audio Outputs

- External speaker output
- Line level output

#### Ethernet port

- Web server control
- 10/100Mb BaseT

#### Data Input/Output

- RS-232 Serial port

#### Telephone Network Interface

- Three RJ-45 ISDN

#### User Controller

- Soft touch infrared remote controller
- API

#### Operating Conditions

- 10-40 degrees Celsius, 50-105 degrees F
- 5-90% humidity (non-condensing)
- 0-12,000 feet elevation

#### Power

- Universal input power supply (90-265vac, 47-63Hz)
- 50 Watt (max.) power consumption

#### Size

- 2.130" tall x 10.642" deep x 11.425" wide (May sit flat, on its side, or installed in a rack)

#### Weight

- 10 lb. (4.5 kg)

#### Video Interface

- Direct to TV or projection system; does not require computer system attachment for display.

#### Data Collaboration

- PowerPoint and NetMeeting ready, plug-n-play to support presentations

### REMOTE CONTROLLER

The IR remote controller included with your APV200-IP operates all functions associated with the videoconferencing system.

#### OPERATES

- APV200-IP engines
- Near camera control
- Far camera control
- Document camera
- AP400

### SOFTWARE AND ACCESSORIES

Included with every APV200-IP is a 360 degree dynamic conference room microphone for set top applications. A graphical user interface is also included for easy control and functionality.

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