

VTEL 7000 IP

The new VTEL 7000 IP codec has the power and features necessary for a large classroom or conference room but is compact enough for executive or home use. Due to the fully integrated PC design it is unmatched in presentation capabilities in or out of a videoconference. Simple connectivity to any broadband IP network is achieved by way of cable modem, DSL, or enterprise LAN. Latest generation product architecture makes the VTEL 7000 IP a superior choice for value and reliable use for years to come.

System includes:

- Attractive videoconferencing unit for desktop or tabletop
- Integrated Windows® XP and Pentium 4 PC with DVD R/W drive
- 1 Pan-tilt-zoom video camera
- 1 Omni-directional microphone
- QuickTouch wireless handheld remote control/keyboard
- 7 available USB ports

Presentation Tools

- Data Sharing via H.239 (any PC-based application like Microsoft PowerPoint)
- VCR optional (play or record)
- Document camera optional

Data Features

- Intel® Pentium® 4
- 512 MB RAM
- Single 40 GB hard drive
- DVD drive
- 7 external USB ports
- Serial port
- Diagnostics
- PC functionality available in or out of a call
- Microsoft® XP Professional operating system software

User Interfaces

- QuickTouch wireless remote control unit with integrated wireless keyboard and mouse
- Full-size wireless keyboard with integrated mouse optional

Video Communications

- H.261, H.263, H.264, H.239 (data sharing)
- FCIF - 352 x 288, QCIF - 176 X 144
- Frame rate up to 30 frames per second
- Dual monitor support
- Monitor output:
 - Single monitor – VGA, XGA, or S-video (or composite)
 - Dual monitor – 1 S-video (or composite) and 1 VGA/XGA, or 2 S-Video or 2 Composite outputs
- VCR (record) output: S-Video
- NTSC or PAL format
- Picture in picture
- Far end camera control in H.323

Camera Inputs

- Includes one PTZ camera, NTSC or PAL broadcast, Auto focus, Auto white balance, 10x optical zoom, 40x digital zoom, f 3.1 – 31 optical, f 1.8 – 2.9 digital, Pan ±100°, Tilt ± 25°
- 4 S-Video inputs
- 1 VCR (playback) input: S-Video

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Pan-Tilt-Zoom camera, microphone, and QuickTouch wireless handheld remote control are included. Monitors sold separately.

Graphics

- H.239 data sharing
- Slide capture in JPEG format, 704 pixels x 576 lines x 24 bits
- FCIF
- XGA graphics display (1024 x 768)

Audio Communications

- G.722, G.711, G.728, G.729, G.722.1
- Full duplex, adaptive acoustic echo canceling, noise suppression, and automatic microphone level adjustment
- Audio outputs: Line level output, VCR (record) output
- Audio Inputs: 2 microphone inputs, VCR (playback) input
- Microphone: 1 omni-directional microphone standard

Communications Standards

- ITU-T H.323
- Network Address Translation (NAT)
- H.235 (encryption)

Communications Interface Options

- IP 10/100 LAN interface for H.323
- USB wireless LAN adaptor optional (Wi-Fi)

Transmission Rates

- 128 - 1920 Kbps H.263 video
- 128 - 768 Kbps H.264 video

Physical

- Component dimensions (W x H x D):
17.37" x 2.5" x 13" / 44.12cm x 6.35cm x 33.02cm
- Weight: 10 pounds / 4.5 Kg

Power Requirements

- Line voltage: 115V / 230V AC, auto-sensing external power supply
- Power consumption: 120 / 150 W nominal
- Heat dissipation: 1800 / 2000 BTU/hour

Operating Environment

- Temperature: 50 - 90°F / 10 - 32°C
- Humidity: 10 - 80% non-condensing

Warranty

- 12-month hardware and VTEL-authored software warranty included