

Preliminary Specification Sheet

Vista™ PRO

The ultimate videoconferencing system, Vista™ PRO is perfect for medium to large groups, classrooms, corporate training centers, and custom applications. The Vista PRO media station includes VTEL's powerful collaboration tools and supports extra cameras, monitors, microphones, and peripheral devices – everything you need to communicate and share ideas.

System Includes:

- Videoconferencing codec
- Integrated Windows® PC with 3.5" floppy drive with CD-ROM
- 1 Pan-tilt-zoom video camera
- 1 Omni-directional microphone
- Wireless handheld remote control unit

Presentation Tools

- **Pen Pal Graphics®** for slide creation, sending, and capture (supports Microsoft® PowerPoint)
- **SmartView™** hands free slide sending software for use with any document camera
- Laptop image capture at XGA resolution (1024x768)**
- VCR optional (simultaneous playback and record with 2 VCRs)
- Document camera optional

Data Collaboration Tools

- Integrated application sharing featuring Microsoft® NetMeeting
- Integrated T.120 support
- In-band file transfer
- 2 Comm ports standard

Codec Features

- Intel® Pentium microprocessor
- 512MB DRAM
- 3.5" floppy drive
- 20 GB hard drive
- 10/100 LAN card, Wireless LAN card optional
- CD-ROM drive

User Interfaces

- Easy to use Remote Control Unit with integrated keyboard
- Wired keyboard and mouse
- Full size wireless keyboard with integrated mouse optional
- **ViewPoint** wireless control pad optional
- Color video touch panel optional
- Wired visual icon tablet optional

Video Communications

- H.261 and H.263
- FCIF - 352 x 288, QCIF - 176 X 144
- Frame rate up to 30 frames per second
- Dual monitor support
- Monitor outputs:
Single monitor – VGA, XGA**, or S-video
Dual monitor – 1 S-video + 1 VGA or XGA**, or 2 S-video**
VCR (record) output: S-Video or composite
NTSC or PAL format
- Far end camera control in H.320 and H.323
- Picture in Picture

Camera Inputs

- Main: 1 PTZ camera standard, PTZ Camera assembly, NTSC or PAL broadcast, Auto focus, Auto white balance, 12x powered zoom, 6-64mm focal length, f/1.8-2.7 aperture range, Pan ±100°, Tilt ±25°
- Up to 4 PTZ cameras
3 S-Video inputs, 1 S-Video or composite input, 1 VCR (playback) input S-Video or composite
- Optional **SmartTrak™** dual camera, voice activated tracking system

*Dual monitors required
**Scheduled for Q4 2002 release
***US domestic shipments only
Monitors sold separately

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Graphics Resolution

- Slide capture in JPEG format, 704 pixels x 576 lines x 24 bits
- H.261 Annex D, 4FCIF
- XGA graphics display** (1024x768)

Audio Communications

- G.722, G.711, and G.728
- Full duplex, adaptive acoustic echo canceling, noise suppression, and automatic mic level adjustment
- Integrated multimedia sound
- Audio outputs:
Line level output, VCR (record) output
- Audio Inputs:
3 microphone inputs, Line level input, VCR (playback) input
- 1 omni directional microphone included
- 1 integrated telephone input***

Remote Management

- **SmartVideoNet Manager™** client included for SNMP remote management
- Remote software updates via optional **VC²**, **VTEL CommandCenter™**

Communications Standards

- ITU-T H.320 and H.323

Communications Interface Options

- DDM, direct dialer module, V.35 x 2 / RS-449 x2 with RS-366 dialing or direct connect; supports KG-resync encryption devices
- Quad BRI IMUX, RJ45 (S/T)
- PRI IMUX with CSU
- PRI IMUX without CSU
- PRI with G.703 interface
- ATM 25mbps

Transmission Rates

- 2x56/64 Kbps, 56-768 Kbps
- T1/E1 line rate support optional

Physical

- Component dimensions:
Galaxy Codec: (LxWxH) 31"x28"x24" / 79cm X 71cm X 61cm
- Shipping weight: 75 lbs. / 35 kg

Power Requirements

- Line voltage:
90-132 V AC/180-264 V AC, 47-63 Hz, auto sensing power supply
- Power consumption:
585/645 W nominal
- Heat dissipation:
1996/2200 BTU/hour

Operating Environment

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

Cabinet and Monitor Options

- Several models of roll-about, locking cabinets are available, up to 44 inches (112cm) high
- VTEL monitor-and-cabinet combinations comply with UL1950 standard for physical stability
- VGA, NTSC and PAL monitors available



VTEL

videoconferencing technology

face to face exchange