

# VULINK™ VIDEO CONFERENCING SYSTEM



## PRODUCT OVERVIEW

The VuLink is Gentner's all-new set-top video conferencing system, combining room-size performance, Gentner-quality sound, a crystal-clear picture, and easy document sharing.

VuLink is the only set-top system that integrates a web browser, allowing full web access concurrently with H.320 calls—all without audio or video degradation. Based on the Windows CE platform, VuLink's browser enables meeting participants to share a variety of information with remote participants' video conferencing systems. Any accessible web-based document can be retrieved by the VuLink browser and sent to other participants in a video meeting.

VuLink is also the only set-top that offers concurrent VGA output and composite output capability for clean, clear web content viewing.

The integrated network supports both an integrated ISDN interface (1BRI and 3BRI) and a built-in 10BaseT interface. No external ISDN module for a 3BRI application is necessary.

The PCMCIA Card Slot 2 interface allows memory expansion into the gigabyte range using off-the-shelf PCMCIA cards.

VuLink delivers full-duplex digital audio with noise suppression and acoustic echo cancellation.

VuConsole™ software gives you an easy, robust way to remotely and securely manage your video conference system through a password protected user interface. VuConsole streamlines meeting administration by enabling remote configuration and software updates, end user call tracking, and statistics.

## APPLICATIONS

- Distance Learning
- Teletraining
- Telemedicine
- Courtrooms
- Conference rooms
- Boardrooms

## FEATURES AND BENEFITS

- Available as 2B ISDN 128kbps (VuLink 322) or 6B ISDN 384kbps (VuLink 326)
- Dual-mode ISDN H.320 and LAN/IP H.323 support on a call-by-call basis
- Supports both VGA & composite video output in three monitor configurations: single composite monitor, single VGA monitor, and dual monitor (composite video, VGA graphics, and browser)

- Expandable via built-in PCMCIA Card Slot 2 interface
- Quick and easy to install and use
- Remote diagnostics integrated with available VuConsole™ management system
- Enterprise-wide scheduling via VuMeeting™ software application using Microsoft® Outlook®
- Integrated Browser (Microsoft® Internet Explorer 4.0) for sharing of web-based information and Microsoft® Office documents
- VuFiles™ provides the ability to easily browse (.htm or .html) files from PCMCIA flash cards by simply clicking an "open" icon and viewing a file name list
- Host web-based applications via the browser (e.g. e-mail)
- Software upgrades via web or RS-232
- 340-entry local phone book for even easier calls
- IR remote control w/built-in keyboard and mouse for easy web navigation
- Small & compact, weighs only 3.75kg, including PTZ camera
- Can be mounted on top of a TV or as a stand-alone unit
- Control both ends of the video call with far/near end camera control (H.320 & H.323)
- 10 preset camera positions

**Gentner**

Perfect Communication through Technology, Service, and Education.®

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## SPECIFICATIONS

### Standards Support

H.320 and H.323

### Bandwidth

Model	Data Rate kbps	
	H.320	H.323
VuLink 322	56 – 128	64 – 384
VuLink 326	56 – 384	64 – 384

### User Interface

Graphical user interface  
Infrared remote control w/built-in keyboard and mouse  
Call monitoring  
Phone book stores up to 340 entries  
Microsoft Internet Explorer browser  
Language supported: English

### Additional Features

Microsoft® Windows® CE Operating System  
2 x PCMCIA 2.0 slots  
2 x External RS-232 Connectors  
Remote software upgrade support via web and RS-232 port  
Sleep Mode (Power Save)  
VuMeeting scheduling with Microsoft Outlook  
Remote management via VuConsole

### Data

Annex D still image support  
Image sharing resize  
Graphic image capture:  
    JPEG, web content, Microsoft Office images in .html  
Web presentation via built-in browser  
T.120 pass-through support

### Video Standards

H.261, H.261 Annex D, H.263

### Picture Resolution

FCIF, QCIF

### Frame Rate

15 fps at 56 – 128 kbps  
30 fps at 168 – 384 kbps

### Video Input

RCS camera input  
Auxiliary camera: composite (RCA)

### Video Output

Main monitor: composite (RCA)  
VGA/SVGA:  
    640x480, NTSC  
    800x600, PAL

### Video Format

NTSC/PAL, auto detect

### Integrated Camera

1/3" IT color CCD  
12:1 zoom  
f=5.4 to 64.8mm, F1.8 to F2.7mm  
Auto focus and white balance

### Picture-In-Picture

Auto on, auto off, moveable

### Video Features

H.281 (far end camera control in H.320 and H.323)  
Single or dual monitor support

### Camera Presets

10 local camera presets  
10 remote camera presets

### Audio Standards

G.711, G.722, G.723.1, G.728

### Audio Input/Output

Microphone input (mini-XLR)  
Line level input (RCA)  
Line level output (RCA)

### Full Duplex Audio

Full duplex audio echo cancellation  
Automatic noise suppression  
Automatic gain control

### Network Standards

H.221, BONDING Mode 1

### Network Interface

10BaseT Ethernet port  
S/T BRI interface: Model 322: 1; Model 326: 3  
Automatic SPID detection

### ISDN Protocols

1TR6, 5ESS, DMS100, ETSI, NI-1, NTT/INS, VN3

### Electrical

Auto-sense external power brick  
90-265 VAC, 47-63 Hz, 40W

### Physical

Dimensions: 360 x 172 x 287mm (WxHxD)  
Weight: 3.75kg

# Gentner®

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