

# VCON ViGO

*A versatile personal conferencing appliance for laptop and desktop systems.*

## Models

- ViGO Professional
- ViGO Executive

## Additional Features

- USB Hub
- Supports asymmetric video rates
- Supports mixed audio inputs
- LEDS (power, call, speaker mode)
- VPN support (Dual NIC)
- Supports 2 cameras and VCR for playback

## Key MXM Features

- Call transfer
- Call forward
- Call pickup
- Ad-hoc conferencing
- Online directory
- Hunting groups
- Simplified gateway dialing
- User mobility
- Remote configuration
- Remote call initiation
- Remote software upgrade
- MXM offline mode

ViGO is a compact personal videoconferencing appliance for both laptops and PCs offering business-quality audio and video. A small, light-weight unit with a USB interface, ViGO is simple to install and is very portable. Equipped with a hot-pluggable speaker tower and detachable camera, it has a variety of configurations. Its user-friendly interface combined with the smart one-touch ViGO button makes videoconferencing as easy as making a phone call. vPoint, the software used by ViGO, is also capable of running in software-only modes when ViGO is not attached to the PC, providing even more flexibility.

- High-quality, portable videoconferencing for any desktop or laptop
- Alternate Software Client mode and Viewer+ mode for flexibility when traveling
- Data sharing, file transfer and whiteboard functions available during a videoconference
- VCON PacketAssist™ architecture for advanced Quality of Service (QoS) over IP
- Includes vClip™, a personal recording and video e-mail application
- Speaker tower with full-duplex echo cancellation for high-quality audio

## ***VCON ViGO: Light, flexible and versatile***

ViGO has distinct advantages encompassed in vPoint, the software that comes with the system. vPoint is flexible and versatile, adding another dimension of ease-of-use to ViGO. When ViGO is attached to the PC, vPoint runs in "hardware-accelerated" mode, taking advantage of the ViGO base unit to offload some of the processing, providing business-quality video and audio. However, if the ViGO is not attached to the PC or laptop, a user can attach any standard USB camera and participate in videoconferences using vPoint in a "software-client" mode. Additionally, if there is no ViGO or camera attached to the USB port, vPoint will run in Viewer+ mode, providing 1-way video and 2-way audio. However your PC or laptop is configured, ViGO becomes the premier visual communications device.

## ***VCON ViGO: The MXM Difference***

When registered to the VCON Media Xchange Manager™ (MXM), ViGO offers additional features and functionality. The ability to transfer a video call, forward a video call and add additional participants to an existing video call with the click of a button, are all functions provided by the MXM. MXM also gives ViGO users "mobility", where the users' identities and capabilities are tied to their user sign-on, not to the physical endpoint they are using. This allows users to login to video endpoints in a different location on the network and still be reached by other users via their alias or dial plan number. With centralized management and administration provided by the MXM, remote software upgrades can be pushed to the ViGO and the administrator can remotely initiate and terminate video calls. These features, and many more are available when ViGO is part of a centrally managed IP video deployment.



*The VCON ViGO allows people to stay in communication wherever they are – in the office, on the road, or working remotely.*

## VCON ViGO:

### *What's in the VCON ViGO box?*

#### ViGO Professional:

- Base Unit
- Camera
- Speaker tower
- Power adaptor
- Headset
- USB cable
- vPoint Software CD
- vClip application
- Quick reference guide
- Installation and setup guide
- Padded nylon carrying case

#### ViGO Executive adds:

- PTZ camera and cable
- FECC camera cable
- Tabletop microphone

### *VCON ViGO: Minimum PC Specs*

- Pentium II 350Mhz PC
- 64MB RAM (128MB for XP)
- Direct Draw Support (2M VRAM)
- Windows 98, ME, 2000, XP

### *VCON ViGO Data Rate/Processor PC Requirements*

- PII 366Mhz - up to 512Kbps
- PII 500 Mhz - up to 1Mbps
- PIII 800Mhz + - up to 1.5Mbps

### *VCON ViGO Specifications*

#### Standards Supported

ITU-T: H.323

#### Video Standards

H.261, H.263  
Supports asymmetric video rates  
Annex Q (IP Far End Camera Control)

#### Audio Standards

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

#### Other ITU-T Standards

T.120 (data collaboration)

#### Transmission speed

64Kbps - 1.5Mbps

#### Video Resolution

FCIF (352 x 288 pixels)  
QCIF (176 x 144 pixels)

#### Audio features

Full duplex echo cancellation  
Automatic noise suppression

#### USB Connectors

USB input for ViGO to host PC communication  
USB hub for additional peripherals (low current -100mA)

#### Video Inputs (NTSC or PAL)

Main camera with DIN connector  
Second camera with RCA connector

#### Audio Inputs

Line level RCA connector  
Line level stereo jack

#### Audio Outputs

Built-in speaker (for speaker tower)  
Line level stereo jack

#### PTZ Camera Unit (with Executive)

Image device:  
1/4-inch color CCD

#### Picture elements:

NTSC - 768 x 495  
PAL - 752 x 585

#### Focal length:

4mm to 64mm

#### Zoom range:

x16

#### Environmental

Operating temperature:  
0°C - 40°C

#### Humidity:

15% - 80%

#### Electrical

Auto sense power supply  
Operating voltage:  
100-250VAC

#### Operating frequency:

50-60 Hz

#### VCON ViGO Viewing modes

Mini screen  
Regular screen  
Large screen  
Full screen

#### Data Collaboration

Integrated Microsoft NetMeeting  
Application Sharing  
File Transfer  
Whiteboard

#### Streaming Capabilities

Chair Interactive Multicast sessions  
Participate in Interactive Multicast sessions

#### VCON ViGO Physical Characteristics

Size:  
15cm x 15cm x 4.5cm

Weight:  
750g

#### Languages supported

English, French, German, Italian, Spanish  
(Spain and Latin), Chinese and Japanese