

INNOMEDIA

MTA 3368 IP VIDEOPHONE

VIDEO TELEPHONY OVER BROADBAND NETWORKS

InnoMedia's MTA 3368 IP VideoPhone, the next generation IP based multimedia customer premises appliance, enables broadband service providers worldwide to offer new revenue generating video telephony services over their existing last mile access network. Designed to operate flexibly at varying speeds as high as 768 kbps, the VideoPhone delivers real-time, high-quality voice and video images for face-to-face communication. In addition, the MTA 3368 supports a rich set of advanced CLASS 5 calling features and standards-based provisioning for mass deployment in both business and residential environments.

KEY BENEFITS

Real-Time Video Images for Face-to-Face Conversation

Extensively Interoperable with Open Standards-based Call Agent/Softswitch System

Ready for Mass Deployment with Auto-Provisioning

QoS for Guaranteed Quality

Open Platform for New Services



■ Real-time video images for face-to-face conversation

MTA 3368 IP Videophone is capable of operating at up to 768 kbps to deliver real-time, high-quality voice and video images over a broadband IP network (HFC Cable, ADSL, Fiber and Wireless), thus enabling life-like video conferencing sessions between subscribers. Equipped with advanced video imaging control features such as Remote/Self picture-in-picture views and privacy mode, the MTA 3368 IP VideoPhone delivers a variety of viewing preferences and offers users an enriching face-to-face conferencing experience.

■ Extensively interoperates with open standards-based Call Agent/Softswitch system

The MTA 3368 IP VideoPhone supports multiple protocols and platforms to seamlessly interoperate with an extensive range of Call Agents/Softswitches. Supporting industry standard protocols such as SIP 2.0, MGCP 1.0 and H.323 v2 that are widely deployed in broadband networks (HFC Cable, ADSL, Fiber and Wireless), IP VideoPhone interoperates seamlessly with most of the leading Call Agent/Softswitches to deliver advanced Class 5 calling features.

■ Open platform for new services

Built on the embedded Linux open platform, the VideoPhone is capable of delivering more value added services on top of voice and video telephony such as short messaging, providing new revenue sources for service providers.

■ Ready for mass deployment with Auto-Provisioning

With auto-provisioning, deploying large numbers of complex and intelligent IP endpoints is no longer a hurdle to service roll-out. MTA 3368 IP VideoPhone supports industry standard protocols including DHCP, TFTP, SNMP and auto-provisioning flow to enable easy remote firmware upgrade, IP address management and device configuration and provisioning.

■ QoS for guaranteed quality

QoS design issues are one of the most critical network planning problems faced by service providers when rolling out a converged data, voice and video service over the same last mile broadband access network. The MTA 3368 supports QoS mechanisms such as VLAN and ToS tagging to ensure priority treatment of video and voice packets for guaranteed quality services that deliver clear voice quality and sharp video images during video conferencing sessions.



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SPECIFICATIONS AND FEATURES

Call Agent/Softswitch

- SIP 2.0
- MGCP 1.0
- H.323 V2

Protocol Support

- TCP/IP, UDP, DHCP, RTP, ARP, ICMP, HTTP 1.0, SNMP, TFTP, PPPoE
- MD5 Authentication

Codec Support

- G.711, G.723.1, G.729
- H.263, H.263+

Camera

- High Quality CCD
- Adjustable focus

Video Resolution

- CIF resolution (352 x 288 pixels)
- QCIF resolution (176 x 144 pixels)
- 30 FPS

Video Bandwidth

- 64 kbps to 768 kbps

Voice Quality

- G.168 Line Echo Cancellation
- Voice Activity Detection
- Comfort Noise Generation

Quality of Service

- VLAN
- ToS Tagging
- Priority Switch

Network Interface

- Dual 10/100 Base-T Uplink/Downlink Ports

Display

- 4" TFT Color LCD
- Adjustable Angle for LCD panel
- Power Save Mode

Video and Audio Input/Output

- Auxiliary Video In/Out: (NTSC / PAL, RCA-phono)
- Auxiliary Audio In/out (RCA-phono)

Physical

- Dimensions: 8.46"W x 9.05"D x 2.36"H (215mm W x 230mm D x 60mm H)
- Weight: 3.31 lbs (1.5kg)

Phone Features

- Privacy Mode
- Remote/Self View PIP
- Video Input/Output
- Volume Control
- Handsfree Speaker Phone
- Last Number Redial
- Caller ID
- Mute
- PhoneBook
- Call History
- Call Ringer Light

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