

# INNOMEDIA

# MTA 5531 IP VIDEOPHONE

## VIDEO TELEPHONY OVER BROADBAND NETWORKS

InnoMedia unveils its third generation of IP VideoPhones, the MTA 5000 series, which comes with an abundance of exciting new features. This sleek and streamline looking series is compatible with 3G mobile phone systems.

### KEY FEATURES AND BENEFITS

**3G Mobile System Compatible**

**PSTN Connectivity and Fallback**

**Wireless Network 802.11b Support**

**Sleek Look and Streamline Aesthetic Appeals**

**Built-in NAT Router**

**Support Firewall/Border Traversal Solution**

**5 inch TFT Color LCD**

**Icon-based Graphic User Interface**

**Voice and Video Answering Machine Functions**



#### **3G Mobile System Compatible**

The MTA 5531 is compatible with 3G networks and mobile videophones. Calls can be made between fixed line videophones and 3G mobile videophones, thus enabling face-to-face communications between homes, offices and mobile users on the road.

#### **PSTN Connectivity and Fallback**

The MTA 5531 IP VideoPhone provides PSTN connectivity and fallback features, which enable the user to make both IP Voice/Video calls over the broadband IP network, as well as regular voice calls via the traditional PSTN network. This feature provides incumbent operators with an option to upgrade existing PSTN voice customers to IP based video services with the least interruption by ensuring minimum change to customers' habits such as customers' phone numbers and dialing habits. Competitive operators on the other hand, can leverage on the same feature to offer transparent alternative IP voice and video telephony services without addressing regulatory issues, as the VideoPhone is able to make voice calls via PSTN during power failure.

#### **Wireless LAN 802.11b Support**

The MTA 5531 IP VideoPhone supports PCMCIA wireless LAN 802.11b connectivity. With an uplink access of up to 11Mbps, the VideoPhone can be deployed anywhere in the home or office without complicated wiring issues.

#### **Built-in NAT Router**

The built-in NAT Router enables the end user to share the same broadband link for both video telephony and internet access without increasing access charges for separate IP addresses. With a priority switch built-in, video telephony traffic is given preference to ensure smooth video conversation even when someone is using the same link for internet surfing.

#### **Support Firewall/Border Traversal Solution**

The MTA 5531 supports network based firewall and border traversal solutions offered by service providers, allowing telephony services to be deployed behind NAT/Firewall environments in enterprises. In addition, the MTA 5531 supports VLAN routing for better control of video, voice and data traffic.

#### **ICON Based Graphic User Interface**

The MTA 5531 is equipped with user-friendly menu architecture powered by an icon-based GUI system. The user can easily navigate and access the set of rich features available in the VideoPhone.

#### **Voice and Video\* Answering Machine Functions**

The built-in voice and video\* answering machine enables the caller to either leave a voice message or a live video\* message on the VideoPhone. The user can easily retrieve recorded video\* messages and record his/her own greeting message directly on the VideoPhone.



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## SPECIFICATIONS AND FEATURES

### Call Agent/Softswitch

- SIP 2.0
- H.323 V2\*
- MGCP\*
- MD5 Authentication
- Domain Support
- Outbound Proxy

### Protocol Support

- TCP/IP, UDP, DHCP, RTP, ARP, ICMP, HTTP 1.0, TFTP, STUN, SNTP

### Codec Support

- G.711 (a-law, u-law), G.723.1, G.729, G.728\*
- H.261, H.263, H.263+\*

### Video Bandwidth

- 64 kbps to 768 kbps

### Video Resolution

- CIF resolution (352 x 288 pixels)
- QCIF resolution (176 x 144 pixels)
- Maximum 30 frames per second

### Voice Quality

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

### Quality of Service

- VLAN
- ToS Tagging
- Priority Switch

### Network Interface

- Wireless LAN (802.11b) PCMCIA slot
- Dual 10/100 Base-T Uplink/Downlink Ports
- PSTN Port - FXO Interface

### Camera

- High Quality 1/4" CCD sensor

### Display

- 5" TFT Color LCD
- Adjustable LCD panel

### Video and Audio Input/Output

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

### Call Features\*

- Call Hold
- Call Transfer
- Call Waiting
- Call Screening
- Call Forward
- Caller ID Display/Blocking

### Physical

- Dimensions: 9.06"W x 8.58"D x 3.69"H (230mm W x 218mm D x 93.7mm H)
- Weight: 3.31 lbs (1.5kg)

### Color Availability

- Silver/Metallic Purple

### Phone Features

- NAT Router
- Firewall/Border traversal solution support
- Voice and Video\* Answering Machine functions
- Messaging (SMS, MMS, Video clips)\*
- Icon-based GUI
- Auto Answer with Password
- Screensaver
- Games
- Tone selection
- Privacy Mode
- Full Screen Remote/Self and PIP View
- Video Input/Output
- Volume Control
- Handsfree and Speaker Phone
- Last Number Redial via Call History
- Mute
- PhoneBook
- Call History (Incoming and Outgoing Calls)
- Multi purpose LED (Network, Call Ringer, etc)
- Message LED
- Information Delivery System (IDS)\*
- Firmware Upgradeable

### Warranty

- One year for hardware

\* Check for availability

[www.innomedia.com](http://www.innomedia.com)

### InnoMedia Pte Ltd.

10 Science Park Road #03-04  
The Alpha, Singapore Science Park II, SINGAPORE 117684  
Tel: (65) 6872 0828; Fax: (65) 6872 0900

### InnoMedia Technology Inc.

3F, No. 3, Industrial East Road IX  
Hsinchu Science-Based Industrial Park, Hsinchu TAIWAN 300  
Tel: (886) 3 564 1299; Fax: (886) 3 564 1589

### InnoMedia, Inc.

128 Baytech Drive  
San Jose, CA 95134 USA  
Tel: (408) 432-5400; Fax: (408) 432-5404

### InnoMedia, Inc.

Room 1405, Prime Tower, #22 Chaowai Street  
Chaoyang District, Beijing 100020, CHINA  
Tel: (86) 10 6588 5141; Fax: (86) 10 6588 5140

