

mm745

IP browser Videophone

- Telephone simplicity
- Integral web browser
- 12.1" Colour LCD Touchscreen
- Broad compatibility for easy integration
- Intelligent bandwidth control for use over non-QoS networks
- Handsfree, handset and headset support



IP Videophone

Motion Media, pioneers of videophone technology, provide "the ultimate telephone" in the mm745. No other telephony device provides such a range of communications features in one, compact solution.

The mm745 delivers unparalleled performance thanks to its powerful architecture, combining the power of a group videoconferencing system with the simplicity of a telephone for enterprise, small, and medium sized business customers.

The mm745 uses the latest technology and advancements in video and VoIP technology, not only addressing the needs of the executive or major decision maker, but also bringing network resources to users without PCs. The mm745T includes a high resolution colour touchscreen display and a full web browser for easy access to company communications, the Internet, portals, and timesaving features & applications. It also enables developers to deliver innovative Java and browser based applications.

A high quality camera delivering TV frame rates (above 384kbps), together with a rich handsfree speakerphone and headset connection puts you in

the driving seat when working with geographically diverse teams.

mm745 IP Videophone Features

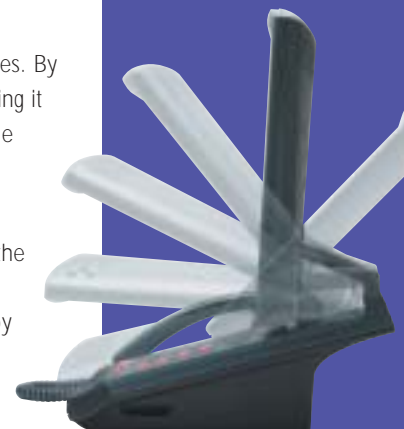
The mm745 IP Videophone features flash architecture, allowing it to grow and develop as industry standards evolve. Many methods may be employed to access different features on the phone including the telephone keypad, the touchscreen, the included infra-red keyboard and mouse, or the included external serial mouse. These may be used alternately according to user preference.

The mm745 does not require hands-on changes. By simply picking up the videophone and connecting it anywhere on the network, a user can retain the same number and access all features without the help of a system administrator.

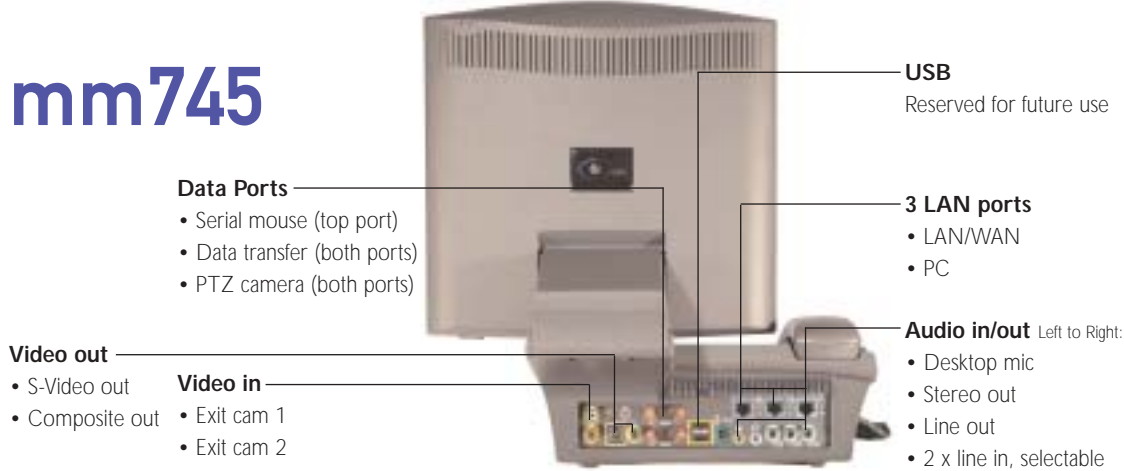
An internal 3 port 10/100 Ethernet switch on the mm745T allows the mm745 to share a LAN connection with an attached PC, and to employ redundancy to the endpoint where required.

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mm745



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Motion Media mm745, v1.00.10 has been tested in accordance with interoperability criteria set by Cisco Systems®, Inc. and is compatible with Cisco IP/VIC 3510 v2.2.1, Cisco IP/VIC 3520 v2.2.3, Cisco IP/VIC 3525 v2.2.3, Cisco IP/VIC 3540 v1.0, Cisco 2924XL v12.0 (5.3) WC(1), Cisco 3512XL v12.0 (5.4) WC(1) and 2621 with H.323/MCM v12.1.5XM3.

For full disclaimer see Motion Media product documentation or the following website: www.motion-media.com

For further information contact your Motion Media representative

Technical specifications

Communications Protocols Supported

- Video ITU-T H.323 Packet-Based Multimedia
- Communications over Ethernet
- Video and VoIP via H.323
- Video compression H.263+, H.261
- Audio encoding G.711, G.722, G.728, G.729

System performance

- CIF video format 352 x288 pixels
- QCIF video format 176 x144 pixels
- CIF/QCIF at 30 fps (typical figures at 384Kbps)
- Capable of operation at bandwidths between 128kbps - 768 kbps (mm745) 128kbps - 2Mbps (mm745T)

Video Inputs

- Internal CCD colour camera (fixed focus)
- 2 composite video inputs (PAL/NTSC auto sensing)

Video Outputs

- Integrated XVGA 12.1" Active TFT LCD Display
- Composite video output 1vpp into 75 Ohms
- S-Video output
- Video output format PAL/NTSC software selectable

Audio Operating modes

- Handset
- Headset
- Hands-free

Audio Inputs

- 3.4 kHz Handset with hearing aid induction loop
- Dual internal microphone array
- Microphone input
- 2 Line input channels 17kΩ, 1V RMS max.

Audio Outputs

- Handset, Headset
- Internal speaker
- Stereo output
- Line output 600Ω, 300mV RMS max

Communication Ports

- 1 or 3 Ethernet 10/100 interface
- 2 RS-232 ports (up to 460.8 kbps with full nine pin interface)

- (RS-232 Port 2 Supports serial mouse connection)
- 2 USB Host ports - reserved for future use
- IR interface for use with wireless keyboard

Control inputs

- Touchscreen (mm745T)
- Display mounted Soft-keys
- Telephone style keypad
- IR remote keyboard (included)
- Serial mouse (included)

Special features

- Clamshell design
- 1024x768 pixel XGA LCD display with touchscreen
- Focus free internal color camera
- Icon based user interface
- Full control system
- Web browser
- Graphical Telephone Directory
- Extensive call logging facilities
- Picture-in-Picture (PIP) display (movable, sizable)
- Simple telephone user interface
- 10 number speed dial
- Full feature phone functionality
- Image snapshot facility
- Audio mute & Video freeze privacy modes
- Password protected use
- Compatible with industry standard H.323 equipment, gateways, gatekeepers and MCU's
- Simple installation using on screen start up wizard
- Software updates/upgrades downloadable via Motion Media's web page
- Smart Media card slot*
- Java® based graphical user interface capable of running 3rd party Java applets
- Hands free operation with sub-band acoustic echo cancellation and active noise suppression
- Customisable wall paper
- Real time clock / SNTP support
- Web server for configuration for management
- Selectable languages*
- Illuminated ring indicators on base and display
- On line help

Power

- DC input requirement nominal 12 V
- Power consumption 30 Watts
- External 85-265 VAC/ 50-60Hz auto sensing power supply

Physical / Environmental

- Folded size 270mm (w) x 290mm (d) x 135mm (h)
- Weight 3.7 kg
- Temperature
 - Operating 0°C to 40°C
 - Storage -10°C to 60°C
- Humidity
 - Operating 20% to 90% (non-condensing)
 - Storage 10% to 95% (non-condensing)

Accessories

- CAT5 Ethernet cable, length 5m
- Power cord, length 4 m (including external power brick and cord)
- IR Keyboard (included)
- Serial Mouse (included)
- User Guide
- Warranty Card
- Quick Start Guide
- Carry Case (optional)

Warranty

- One year parts and labour

Models

- mm745 - 128kbps-768kbps, 1 port Ethernet
- mm745T - 128kbps-2Mbps, Touchscreen, 3 port Ethernet

Specifications subject to change without notice

*Not supported in current release - please contact your Motion Media representative.

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