

# videophone ..



**mm225**

ISDN dual mode videophone



Motion Media

# The mm225 dual mode videophone

## The mm225 brings a new simplicity to video communications.

Produced by one of the world's leading designers of videophones, the mm225 is a versatile, easy-to-use product that combines a high quality telephone with both videotelephony and videoconferencing, all in one compact unit.

### Simplicity

Simplicity is the key to the mm225 dual mode videophone - it uses state-of-the-art technology to give superb sound and picture quality along with a comprehensive range of additional features, and yet is as easy to use as a traditional telephone.

### Power

Despite its simplicity, the mm225 challenges the picture quality and features found in much larger systems.

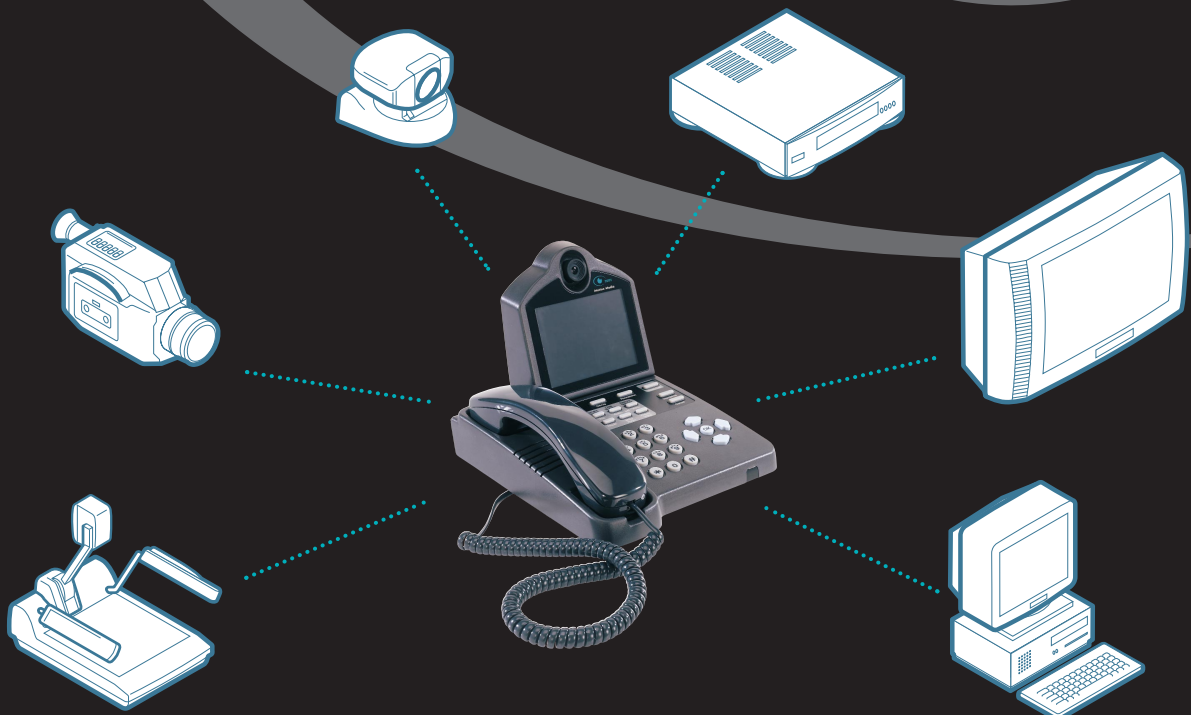
Its advanced design offers telephone features such as a 100-entry phonebook, incoming call identification and a choice of handset or hands-free operation, combined with videoconferencing features such as auto-answer, freeze-frame, local and far end camera control, and a PC connection supporting T.120 application sharing.

### Flexibility

Being a dual mode videophone, the mm225 supports both the H.324 and H.320 video standards - it can therefore communicate with both analogue-line based videophones and ISDN-line based videoconferencing systems.

Its external audio, video and data connections allow the mm225 videophone to be used with a wide range of other equipment - for example, by connecting a video projector it is ideal for remote teaching; by adding an X-Ray camera or camcorder it can be used for telemedicine; or when used in conjunction with a surveillance system it can provide remote alarm verification.

So whatever your video communications needs, the flexibility of the mm225 is the ideal solution.



# Features

- H.324 and H.320 video calls
- Voice-only telephone calls
- 100 entry phone book
- One-touch speed dial
- Audio mute for privacy
- Echo canceller for clear hands-free use
- Freeze frame transmission
- Caller ID to let you know who's calling
- Local and far end camera control
- PC connection for T.120 application sharing



## Computer Connection

Connect your PC for industry-standard T.120 data sharing to enable you to work on shared PC applications whilst videoconferencing

## Video/Audio Input

Connect a camcorder, document camera, or other source as an alternative to the built-in camera. A single key press allows you to switch between the built-in and remote cameras

## Video/Audio Output

Display images on a regular TV set for a bigger picture, or connect to a VCR to record incoming calls

# Technical Specifications

## Video

- H.261 and H.263:
  - CIF resolution (352 x 288 pixels) at up to 15 frames per second (H.320 and H.324)
  - QCIF resolution (176 x 144 pixels) at up to 30 frames per second (H.320) and up to 15 frames per second (H.324)
- Picture-in-picture self-view: movable, removable, mirrored
- Composite video input (PAL or NTSC)
- Freeze frame transmission
- Integral camera: manual focus and tilt (+25° / -2°)
- 5" colour TFT LCD display
- Local and far end camera control (H.281)

## Audio

- G.723.1, G.711 (A-law and  $\mu$ -law), G.722 (3.1kHz) and G.728
- Handset or hands-free speaker phone
- Full duplex echo cancellation
- DTMF tone generation
- Audio input and output (line level)

## Data

- RS232 computer connection (1200 - 38400 baud)
- End to end RS232 data channel (1200 - 38400 baud)
- T.120 data-sharing support

## Features

- 100 entry phonebook
- Caller ID
- Call duration indicator
- Last number redial

your local stockist:

The information contained within this brochure is correct at the time of going to press, but Motion Media Technology reserves the right to change the specification without notice. Photographs shown display simulated images. The mm logo is a trademark of Motion Media Technology Limited. BT Relate handset supplied under licence.  
© Motion Media Technology Limited 2000.  
MM/PR01/00/001.11  
Designed and produced by Dutton Merrifield, Bristol.



## Network

- ISDN Basic Rate (2B + D), S / T interface
- 1B and 2B calls
- Support for ISDN national variants
- Speech call support to PSTN and ISDN telephones
- Video call support to PSTN and ISDN videophones
- Unrestricted (64 kbit/s) and Restricted (56 kbit/s) network support

## Power

- Auto-sensing power supply (100-240v a.c., 50-60 Hz)
- Max. consumption 22W
- Low power standby mode

## Physical

- Dimensions: 210mm(W) x 250mm(D) x 180mm(H)
- Weight: 1.3kg

## Environment

- Operating temperature: 0°C to 40°C ambient
- Non-operating temperature: -10°C to 60°C ambient
- Operating humidity: 20% to 90% RH non-condensing
- Non-operating humidity: 20% to 90% RH non-condensing

## Standards and Approvals

- ITU-T H.320
- ITU-T H.324
- **CE 168 X** For other countries contact your supplier



Motion Media Technology Limited,  
Horton Hall, Horton, Bristol  
BS37 6QN, United Kingdom

+44 (0) 1454 313444 (voice)  
+44 (0) 1454 313678 (fax)  
+44 (0) 1454 338555 (H.320 video)

<http://www.motion-media.com>  
[info@motion-media.com](mailto:info@motion-media.com)