mm225

Brings a new dimension to communication without leaving your desk.

- Superior video and handsfree audio quality
- Familiar, easy user-interface also calls standard telephone equipment
- Connects to basic rate ISDN networks worldwide
- Communicates with all other ISDN standards-based desktop and group conferencing equipment
- TV, camera and mic connectors for group conferencing
- Share documents and information during a video call

Versatile personal video conferencing
mm225 is a fully integrated ISDN desktop videophone with many of the performance features found in large group video conferencing systems. It supports established international standards (H.320 and H.324) making it compatible with other videoconferencing equipment. Yet, mm225 is also a personal videophone supporting a broad range of audio and video I/O and PC data transmission capabilities as well. Like a phone it has a handsfree facility, stores phone numbers (up to 100) and has one touch dialling. But mm225 is also a powerful business tool for communication, surveillance and telehealth applications.

Outstanding video and audio quality
mm225 offers outstanding video and audio quality over whatever bandwidth it uses: ISDN or PSTN. The image display provides full motion video, sustaining high frame rates for clean, clear picture quality. Finger tip controls include remote camera PTZ positioning and freeze frame image capture. Video inputs allow video from a camcorder or VCR to be transmitted over mm225. Full duplex audio with dynamic echo cancellation comes as standard.

Stay in touch, communicate effectively
Motion Media videophones are widely recognised for providing excellent quality and comprehensive features in an easy to use, affordable package. The combination of videophone and videoconferencing capability in a convenient desktop unit is especially effective as a medium for collaboration between remote employees and colleagues.

Keep remote operations in view
In addition to its extensive videoconferencing capabilities, mm225 videophone can also be used to view and monitor remote premises and to supervise and train employees at distant locations. Far end camera control allows the user to see and record images as desired.

Make connections
mm225 can make external connections with a wide range of equipment - camcorders, document cameras, video projectors - to enhance the value of the video call. mm225 may also be connected to a PC for sharing of data files (T.120) within applications or the transference of visual data, such as x-ray or ultrasound images.

mm225

Innovation with vision™

mm
Motion Media

mm225

Line
• ISDN

Video in/out
• TV
• VCR
• Monitor
• PTZ Camcorder
• Document Camera

Power

Data Port
• PTZ Camera
• PC
• Peripheral equipment

Audio in/out
• TV speaker
• External mic with preamp
• VCR
• Camcorder

Technical specifications

Industry Recommendations Supported
• H.320 over ISDN
• H.324 to PSTN devices
• Video compression: H.263 and H.261
• Audio compression: G.711, G722, G.728,G.723.1
• Capability/Control protocol: H.245
• Multiplexing: H.223

System performance
• CIF video format: 352 x 288 pixels
• QCIF video format 176 X 144 pixels
• CIF, 15 fps, QCIF, 30fps

Video inputs
• Internal colour camera (manual tilt)
• Composite input: Phono
• Format: NTSC/PAL Composite 1 Vpp
• Termination: 75 Ohms

Audio inputs
• Handset and internal microphone
• Line Level input: Phono
• Format: Line Level (-10 dbm typical)
• Termination: 10K Ohms (minimum)

Video outputs
• Integrated 5"TFT LCD display
• Video output: Phono
• Format: NTSC/PAL Composite 1 Vpp
• Impedance: 75 Ohms

Audio outputs
• Handset and internal speaker
• Audio output: Phono
• Format: Line Level (-10 dbm typical)
• Impedance: 600 Ohms

RS-232 Data port
• Connector: DB9M
• Format: RS-232, DCE Pin-out
• External PTZ control: H.281
• Data transfer: clear data channel
• Data sharing: T.120
• Port also provides an alarm trigger input
• Data rates supported from 1200-38,400 bps

Network Communications Interface
• ISDN S/T interface
• Connectors: 1, RJ-45 Jack
• Speed: 56-128 kbps (1B or 2B)
• Supported ISDN types: Euro, NI2, DMS100, ATT-custom, Korean, Taiwanese ISDN
• Analogue voice call capable
• V.34 soft modem for communication with H.324 devices

Software Features
• Works as both a standard telephone and as a videophone
• 100 entry phonebook and integrated speed dial function
• Remote source and camera controls
• Camera control drivers for Sony PTZ cameras
• Digital Pan/Tilt/Zoom for non-PTZ video sources
• Image quality controls to select resolution, motion, and details
• Full duplex acoustic Echo Canceller included
• Remote site user ID display with overlay on picture
• Picture in Picture (PIP) display (moveable, sizeable)
• Image snapshot and privacy modes
• Auto answer mode
• Compatible with eyesite series security products
• Auto dial on alarm trigger

• On-screen diagnostics and call reporting
• Software updates via RS232 data port

Power
• DC input requirement 10-18 VDC
• Power consumption <22W active <5W standby
• AC adapter, 100 or 240v a.c., 50-60Hz

Physical/Environmental
• Dimensions (HxWxD): 180 x 210 x 250mm
• Weight: 1.2kg
• Operating temperature: 0° to 40°C ambient
• Operating humidity: 20% to 90% relative humidity, non-condensing
• Storage temperature: 10° to 60°C ambient
• Storage humidity: 5% to 90% relative humidity, non-condensing

Approvals
• FCC part 15B, FCC part 68
• CE Europe, CE 168X
• UL US listed
• EN 60950
• For other countries contact your supplier

Warranty
• One year parts and labour

Specifications subject to change without notice

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