

MEDIAPRO•384MP



Multi-Point - videoconferencing

The MEDIAPRO•384™ MP is two multimedia videoconferencing systems in one, plus the addition of multi-point software to connect up to four sites simultaneously. The MEDIAPRO•384™ MP may be operated either in computer free mode using a hand held remote control, or in computer based mode, controlled by a PC or laptop computer. The video can be displayed on any NTSC or PAL display (television, LCD or DLP projector, flat screen, etc.), or a computer display when operated in computer based mode. An Ethernet interface is included for LAN connectivity.

The Windows™ software used in computer based mode is compatible with Windows™ 95, 98, and NT (see minimum configuration requirements).

Additional features include local and far end camera control, phonebook dialing, system status, call status, web browser based remote diagnostics, and configuration security.

Multi-point Conferencing Capability

In computer free mode, MEDIAPRO•384™ MP system operator can connect up to four sites, and perform multi-point bridging calls without using a commercial bridging service. Connections can be made to any H.320 compatible video conferencing system, and to regular telephones. No one is left out of the conference!

SYSTEM INCLUDES: (More details on following page.)

MEDIAPRO•384™ MP (multi-point) system engine
PC application software
Hand held remote control
Standard workgroup external microphone
Optional high performance pan/tilt/zoom camera.

MODELS AVAILABLE:

H.320 - 384Kbps (30 frames per second)

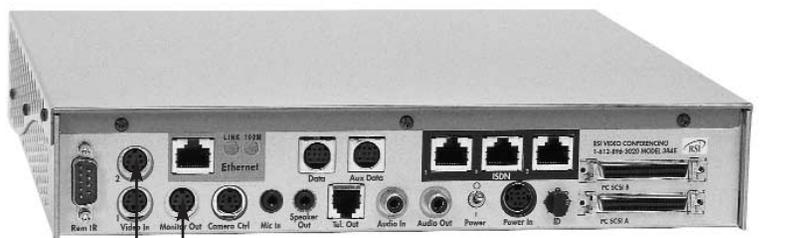
FEATURES:

- Component-based, portable, self-contained codec
- Lifelike video at 384Kbps
- Lifelike synchronized audio
- Superior graphical user interface
- Ergonomic IR remote control
- Fully cross-platform, industry standards-based video and audio capability connectivity
- Built-in web server for remote diagnostics
- Built-in inverse multiplexer (IMUX)
- Microsoft NetMeeting™ support
- Available in S/T or U ISDN interface
- Voice activated bridging
- Two high speed serial ports
- Call timeout timer -- disconnect at preset time
- Can call and receive calls from regular telephones
- Simple RS-232 API



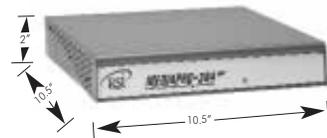
MEDIAPRO•384MP

MediaPro • 384 MP™ - Features



Input:
Camera #2, Laser disk player, CDI player, DVD player, Video mixer, Document camera, VGA-TV scan converter, VCR, Camcorder.

Output:
T.V., LCD projectors, VCR, Camcorder.



General - Specifications

Video Conferencing Standards

H.320
H.323 ready
Video Encoding:
H.261
H.263

Network Capability

ISDN BRI

IMUX

Built-in

U-Interface

Built-in (replaces need for NT-1's)

Bonding

Call all other VCS standards based systems

Audio Encoding

CCITT G.728 (16Kbps)
CCITT G.711 (56Kbps)
CCITT G.722 (48/56Kbps)
Full Duplex acoustic echo cancellation

CCITT Communications

H.281 Camera Control
H.221 Framing & multiplexing
H.230 Capabilities Exchange
H.242 Signaling
H.243 MCU Support
H.224 Data Transfer
T.120 Data Collaboration

Computer Interfaces

SCSI II (Fast/Narrow)
115kpbs RS-232 (x2)
Ethernet 10BASE-T/100TX

Telemetry Interfaces

3x ISDN BRI w/ built-in inverse multiplexor,
S/T or U interfaces available

Video Connections

All inputs and outputs support composite or s-video
NTSC or PAL encoding
Two camera inputs
One video output
One camera control data port

Audio Connections

External microphone input
Line-in input
Bipolar speaker output
Line output
RJ-11 audio input/output for privacy using a telephone handset

Dialing

H.221 or BONDING calls
64K or 56K (restricted) lines
Voice only
Local loop back for test

Data Input/Output

Two 115Kbps RS232 serial ports

Approvals and Certifications

Manufactured in an ISO 9002 approved facility

EMI/EMC

FCC part 15 class A
CISPR 22 class A (EN55022)
IEC 801-2,3,4 (EN50082-1)

Safety

UL 1950
C-UL
IEC950
EN41003
EN60950

ISDN

FCC Part 68 (US)
NET3 (EU)
ACA TS013, TS031 (Australia)
VN4 (France)
CS-03 (Canada)

General - Specifications (continued)

Operating Conditions

10-40 degrees Celsius, 50-105 degrees F
5-90% humidity (non-condensing)
0-12,000 feet elevation

Power

Universal input power supply
(90-265 vac, 47-63Hz)
20 watt typical, 45 watt (max.) power consumption

Physical Specifications

Size 10.5"L x 10.5"W x 2"H
Weight: 5 lbs 6 oz.

PC SOFTWARE SPECIFICATIONS

Video (see note 1 for more information)

16, 24, or 32 bit color on PC, or switch to external monitor
4 PC video window sizes available including full-screen video
Automatic aspect ratio maintenance
Local camera (transmitted image) brightness, contrast, color, tint
Picture-in-picture positioning & toggle
Still capture to clipboard, image editor, file, or file sequence

LAN

10/100 Mbps Ethernet interface

Remote Control

Soft touch infrared remote controller (used with computer free mode only)
Optional infrared receiver extender available

Exterior Color

See your authorized reseller for available color choices

Audio

Uses MEDIAPRO • 384™ audio circuitry, rather than limited laptop/PC sound card quality. The codec line out can be connected to the laptop/PC line in, but separate speakers (included) recommended for better sound.

GUI controls for:

Audio source, speaker volume, mic mute, line-in level, input level mix, transmit encoding, ringer volume, echo canceling, auto gain control

PC - Requirements (when connected to a PC)

(Minimum)

Requirements for Windows™ 95/98

100 MHz Pentium
16 MB RAM (See note 4)
640 x 480, 16 bit color, VGA video card
SCSI II controller and cable (see note 3)
Microsoft Windows™ 95/98

(Recommended)

Requirements for Windows™ 95/98

166 MHz Pentium or better
32 MB RAM
1024 x 768, 24 bit color, SVGA video card with hardware acceleration for Microsoft DirectX
Bus Mastering PCI or CardBus SCSI II or III controller and cable (see note 3)
Microsoft Windows™ 95/98

(Minimum)

Requirements for Windows™ NT 4.0

233 MHz Pentium II or better
32 MB RAM (See note 2)
640 x 480, 16 bit color, VGA video card
SCSI II controller and cable (see note 3)
Microsoft Windows™ NT 4.0

(Recommended)

Requirements for Windows™ NT 4.0

350 MHz Pentium II or better
64 MB RAM (See note 4)
1024 x 768, 24 bit color, SVGA video card
Bus Mastering PCI or PC Card SCSI II or III controller card and cable (see note 3)
Microsoft Windows™ NT 4.0

Notes:

- (1) Full-screen video requires Microsoft DirectX™ 5 capable display, not available under Windows™ NT
- (2) 32MB RAM minimum recommended for Windows™ NT, 64 MB for use with NetMeeting™ on NT
- (3) SCSI controller must be fully SCSI II and ASPI compliant. Bus mastering controller recommended for full frame rate video performance. Performance guaranteed only with Adaptec Corp. controllers. CardBus PCMCIA controllers not recommended under Windows™ NT 4.0
- (4) 32 MB RAM required to run Microsoft NetMeeting™

RSI CONTACT INFORMATION

RSI Video Conferencing World Headquarters
5555 West 78th Street
Minneapolis Minnesota, 55439 USA
Inside US: 1-800-496-4304
Local: 1-612-896-3020 Fax: 1-612-896-3030

RSI Europe
3rd Floor Eagle House
The Ring
Bracknell
BERKS RG12 1HB
UK
Phone: +44 1344 382 424
Fax: +31 20 520 6891

RSI Asia Pacific
9 Temasek Boulevard
#31-02 Suntec Tower Two
Singapore 038989
Phone +65 335 6168
Fax +65 335 6219

