

**MANTIS™**  
MC



*The Mantis™ MC from Visual Circuits is a multi-channel, high definition media player that delivers stunning video imagery. With its sleek design and powerful feature set, Mantis MC is perfect for all commercial applications including passive to interactive "on-demand" playback and multi-media productions.*

### **High-Quality Professional Video, Audio and Graphics**

Mantis MC offers the ultimate in flexibility and quality for all professional video and graphics applications. It combines standard- or high-definition video with a 32-bit graphics accelerator.

Designed around Visual Circuits' proprietary hardware and software, Mantis MC supports a wide variety of media formats in both NTSC and PAL video standards, and decodes a variety of MPEG and unencrypted DVD file formats. It also supports common graphic file formats with 32-bit vibrant color and provides both graphic transitions and selected levels of transparency.

### **Expandable, Reliable and Flexible**

With its SmartCard capability, this unique player can be upgraded to accommodate future features and expanded file formats as they gain in popularity. Mantis MC, today's high-definition network appliance, is engineered to be centrally controlled for trouble-free 24x7x365 operation. Content management tools, from Windows-based Media Messenger™ to a standard browser, are used to manage, schedule, distribute and audit content via the Internet to ensure optimized messaging for target audiences.

#### > FEATURES

- 32-bit accelerated graphics output, supporting Multi-Zone™ functionality
- Expandable up to 2 channels
- Standard and high-definition video output
- Broadcast quality up- and down-conversion scaling
- S/PDIF and analog audio output
- SmartCard for configuration and security

#### > NETWORKING and CONTROL

- SNMP, Satellite and terrestrial multicast support
- Content updating via FTP or HTTP
- Media Messenger™ software for scheduling and content distribution
- WebView™ browser-based user interface
- TCP/IP or serial control with Visual Circuits protocol

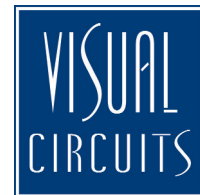
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# Mantis MC Technical Specifications



<b>BASE SYSTEM:</b>	Visual Circuits' Gemini 2 Universal Media Card SmartCard IR Remote Control 120GB HDD storage CD/DVD drive <u>Gemini (per channel)</u> <ul style="list-style-type: none"><li>• NTSC, PAL</li><li>• Decodes all 18 ATSC formats up to 1920x1080p</li><li>• 16:9, 4:3, 5:4 aspect ratios</li><li>• High-quality up and down scaling</li><li>• CVBS, S-video, Component (PbPrY), or RGBHV per channel</li><li>• 32-bit OSD; 256-level transparency</li><li>• 32-bit high-resolution accelerated graphics</li></ul>
<b>NETWORKING:</b>	10/100 Mbps Ethernet Integrated KenCast FAZZT™ client (option) FTP, HTTP auto-updating
<b>SERIAL AND ETHERNET CONTROL:</b>	AMX, Leightronix, Crestron, Contemporary Research certified; Visual Circuits and LDP protocol libraries
<b>AUDIO:</b>	Stereo or Dolby Digital™ via S/PDIF; stereo analog MPEG Layers 1, 2, 3
<b>VIDEO:</b>	MPEG-1 ISO 11172 MPEG-2 ISO/13818-2 Program, transport and elementary streams NTSC/PAL transcoding Constant or variable bit rate decoding 45 Mbps maximum bit rate (includes text)
<b>SOFTWARE:</b>	WebView — HTML-based setup, monitor and control interface. Requires Internet Explorer 5.5 or higher Media Messenger — for managing and distributing media via FTP or HTTP to a single Mantis MC server Media Messenger Multi-player version (optional) — for managing and distributing media via FTP, HTTP or multicast to groups of networked Mantis, Firefly or POPVideo servers
<b>PHYSICAL:</b>	4.45 cm (1.75") high (1RU) x 25.4 cm (10") wide x 20.1 cm (8.25") deep.
<b>WEIGHT:</b>	Approximately 1.81 kg (3.5 lbs.)
<b>POWER:</b>	Supply in: 100-240 VAC, 50/60Hz, 37 watts average Supply out: 12 VDC, 18 watts average
<b>TEMPERATURE RANGE:</b>	0° - 40° Celsius continuous operation (0° - 65° C short-term)
<b>CERTIFICATION / REGULATION:</b>	FCC - Part 15, Class A; CE

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