



Mantis MC



Mantis MG

Applications

- Command and Control
- Events and Entertainment
- Financial Services
- Healthcare
- Hospitality
- Narrowcasting
- Retail
- Transportation

The Mantis line of digital media players from Focus Enhancements offers multiple channels of standard- or high-definition video and 32-bit graphics. Mantis players enable you to deliver a wide range of digital signage applications across numerous locations, and they provide the power to support the most creative and cutting-edge digital communication media elements.

Mantis Digital Media Players

Free of network hang-ups and capacity limitations, Mantis digital media players take the worry out of loading high-definition video through standard IT networks. Media is transferred to your Mantis player using the built-in DVD drive, an external hard drive, or a 10/100 network connection. Powered by the Focus Gemini 2 Universal Media Card(s), Mantis decodes all 18 ATSC formats to the resolution of your choice (up to 1080i), supports 4:3 and 16:9 aspect ratios, and provides precise A/V synchronization using hardware-enabled Dolby Digital™ decoding. Mantis MG supports customizable, multiple-monitor installations with fully scalable SD- and HD-channel synchronization. With cross-channel synchronization, video and audio are synchronized across numerous monitors, making it possible to create large-scale, wall-style video displays.

Whether you're managing a large-scale digital media network or individual players, Focus has a solution for you. For a digital media network that spans multiple locations, combine Mantis with DART Network Media Management Software (optional) and you can manage thousands of channels, complete with the precision needed to deliver specific content to specific displays at the right time. If you need precise time/date scheduling and automated, unattended playback on a smaller scale, Media Messenger® Remote Media Management Software (optional) is perfect for the job. If you're managing individual players, WebView™ (included) enables you to set up, monitor, and control individual players with ease.

Models

Mantis digital media players are available in two models—the Mantis MC Multi-Channel HD Media Player and the Mantis MG Enterprise Media Gateway.

Key Features

MODEL	Mantis MC	Mantis MG
Key Features		
32-bit Graphics	•	•
Broadcast-Quality Conversion Scaling (Up and Down)	•	•
Satellite Multicast	•	•
Scheduled Playback	•	•
Interactive Playback	•	•
Channels (Maximum)	2 HD or 2 SD	4 HD or 8 SD
Video		
Outputs: Composite, Component, or RGBHV	•	•
Decoding (MPEG Layers I, II)	•	•
Audio Outputs		
S/PDIF, Dolby Digital, Analog	•	•
Audio Decoding (MPEG Layers I, II, III)	•	•

Support

When you purchase digital signage solutions from Focus Enhancements, you not only receive reliable products that deliver superior performance every day, you also receive unconditional service and support from a team of seasoned video professionals. All products are backed by comprehensive warranties and optional support contracts that cover installation, training, 24/7 phone support, and priority parts replacement.

Consultation

With extensive experience in designing, configuring, and integrating digital signage solutions for leading organizations around the world, the Focus team can help you select the right products for your needs. If you have special requirements, solution consultation and custom configuration services are available.

Technical Specifications

MODELS	Mantis MC	Mantis MG
Base System	Gemini 2 Universal Media Card SmartCard	Gemini 2 Universal Media Card SmartCard 4-slot AV I/O expansion chassis
Disk	120GB	160GB or 500GB
Optical Drive	CD/DVD	CD/DVD
Expansion Options	—	Gemini 2 (2-channel) 8-VSB digital RF output, simultaneous NTSC/PAL outputs
Network	Compatible with the Linksys™ USB 200M EtherFast USB 2.0 10/100 Network Adapter; Integrated KenCast FAZZT client (option) or integrated Skystream zBand® client (option); FTP and HTTP auto-updating; USB dial-up modem support; Ethernet (10/100 Mbps)	
Serial and Ethernet Control	AMX, Leightronix, Crestron, Contemporary Research certified; Visual Circuits and LDP protocol libraries	
Video Outputs	Composite, Component, or RGBHV (Component or RGBHV via DB15 connector with VGA cable)	
Video Decoding	MPEG-2 unencrypted DVD (.vob) files: Decodes main profile at main level and main profile at high level; MPEG-2 streams (ISO 13818-1): Decodes transport, program streams, and elementary streams; decodes all 18 ATSC formats up to 1920 x 1080p; data rate up to 45 Mbps; 16:9, 4:3, 5:4 aspect ratios; 4:2:0 decoding	
Audio	Stereo or Dolby Digital via S/PDIF, stereo analog, MPEG Layers I, II, III	
Software	DART Network Media Management Software: For developing and managing a large-scale, in-store digital media network (optional) Media Messenger Remote Media Management Software: For managing and distributing media via FTP or HTTP to single or multiple Mantis servers (optional) WebView: HTML-based setup, monitor, and control interface; requires Internet Explorer 5.5 or higher (included)	
Physical	4.45 cm (1.75") high (1RU) x 43 cm (17") wide x 41 cm (16") deep	13.34 cm (5.25") high (3RU) x 43.18 cm (17") wide x 43.82 cm (17.25") deep
Weight	Approximately 5.5 kg (12 lbs.)	Approximately 6.8 kg (15 lbs.)
Power	100–240V AC, 50/60 Hz; 60 watts average	100–240V AC, 50/60 Hz; 90 watts average
Temperature Range	0°–40° Celsius continuous operation (0°–65° C short-term)	0°–40° Celsius continuous operation (0°–65° C short-term)
Certification	FCC Part 15, Class A; CE	FCC Part 15, Class A; CE

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