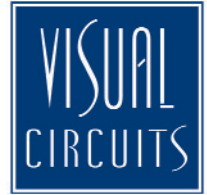


Firefly MZ™



Meet the complex demands of professional video production with Firefly MZ™ from Visual Circuits, the leader in network-attached digital video. Housed in a compact device, Firefly MZ is perfect for digital signage and visual marketing applications. Firefly MZ offers Multi-Zone™ functionality for the most dynamic and effective visual presentations.

High-Quality Professional Video With Amazing Versatility

Firefly MZ™ can handle nearly any video application with multiple digital elements — even animated Flash. 16-bit graphic overlays can be combined with scrolling text and MPEG video to create a visually stimulating experience.

In addition, Firefly MZ supports a wide variety of media formats in both NTSC and PAL video standards. It decodes MPEG-1, MPEG-2 and encrypted DVD files. It also supports common graphic file formats in 16-bit brilliance, with the ability to apply both graphic transitions and selected levels of transparency.

Add New Dimension and More Professionalism

The Multi-Zone capability adds a whole new level of creativity to complex digital media presentations. Firefly MZ allows users to designate 'zones' within a display screen (flat panel, plasma, LCD or TV) and assign different formats of digital content to play within each assigned zone. The result is the industry's long-awaited ability to integrate high-resolution, rich-content graphics with dynamic video and scrolling text messages — simultaneously.

Firefly MZ—

Designed for all professional digital signage and visual marketing applications:

- Retail
- Hospitality
- Entertainment
- Public Transportation
- Corporate Communications
- Banking and Finance
- Healthcare
- Education



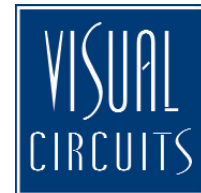
Reliable and Flexible — Just the Way You Need It

Firefly MZ is engineered for 24x7x365 operation and network-attached remote management. Media Messenger™ software lets you assign the digital elements to screen zones, and manage and distribute digital content via the Internet.

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Firefly MZ Technical Specifications



VIDEO DECODING

MPEG-1 ISO 11172
MPEG-2 ISO/13818-2
4:2:0 program streams (video and audio)
NTSC/PAL transcoding
Constant or variable bit rate decoding
15 Mbps maximum bit rate (includes text)
Content can be encoded in various aspect ratios; including 4:3 and true 16:9

MULTI-ZONE* OUTPUT:

DVI

FULL-SCREEN VIDEO:

Component, DVI -I, composite & RGB (sync on green) via female BN

GRAPHICS

16-bit video overlay with adjustable transparency and fade transitions
(BMP, JPG, GIF, TIF, TGA & PNG)
Adjustable screen position
256-level alpha blending (0-255)
Multi-Zone regions

NETWORKING

10/100 Mbps ethernet via RJ-45
IP addressing: Static or DHCP

SERIAL AND ETHERNET CONTROL

AMX, Leightronix, Crestron and Visual Circuits Library Protocol

INTERNAL STORAGE

Standard 40GB IDE (optional up to 120 GB) — 14 hours of video, based on DVD quality (6 Mbps) encoding rate. Does not include space occupied by graphic overlays.

AUDIO DECODING

MPEG layer II Stereo

OUTPUT

Unbalanced stereo via Phoenix (AWG 28-22 wire)
Stereo or Dolby Digital™ via SPDIF

SOFTWARE

Media Messenger™ for managing and distributing media via FTP to a single Firefly MZ player and assigning digital elements to designated zones as specified.

DIMENSIONS

4.45 cm (1.72 inches) high (1RU) x 25.4 cm (10 inches) wide x 20.1 cm (8.25 inches) deep.

WEIGHT

Approximately 1.81 kg (3.5 lbs.)

POWER

Supply in: 100-240 VAC, 50/60Hz, 37 watts average
Supply out: 12 VDC, 18 watts average

TEMPERATURE RANGE

0° - 40° Celsius continuous operation (0° - 45° short-term)

CERTIFICATION / REGULATION

FCC - Part 15, Class A; CE

* Media Messenger software required to utilize Multi-Zone feature.



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