

Firefly
SC™



Firefly SC™ is the network, standard definition video replay appliance that takes all the worry out of multi-location digital video programming. Designed with the same robust features found in all of Visual Circuits' systems, Firefly SC offers flexibility, reliability, scalability — all in a compact form. With its compelling value-driven affordability, Firefly SC is the perfect choice for new users of networked digital video technology, particularly those who are considering digital signage, corporate presentation and training implementations.

The Firefly SC is designed to provide a reliable upgrade for applications where timely content updates are critical. The system management and the remote control capabilities of the Firefly SC provide a lower cost of ownership than many common alternatives. Network attachment allows control of several Firefly SC video players, and remotely managed content updates with the optional Media Messenger™. Firefly SC saves operational time, and ensures that updates occur when and where they are needed, every time — with no local operator intervention.

The rugged reliability of Firefly SC is a significant benefit in 24 x 7 applications. The Firefly SC stands up to the rigorous challenges of today's most demanding digital media applications.

The compact design of the Firefly SC allows for more configuration options. Its small footprint makes it the perfect device for kiosks, and display advertising, saving costs with easy installations.

No matter what your application — merchandising, advertising, entertaining, training, or educating — light up your displays with Firefly SC!

> FEATURES

- Remote management software provides automated content updates, scheduling, and run log retrieval
- Control external devices such as displays, multi-window processors and other devices that accept serial commands
- Scrolling text
- Easy network integration
- Remote monitoring with SNMP
- High reliability
- Compact size makes it ideal for co-location with displays

> CONTROL

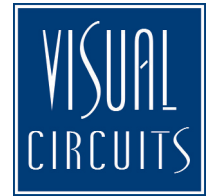
- Optional Media Messenger™ software for scheduling and content distribution
- WebView™ browser-based user interface
- Built in watchdog keeps video playing
- TCP/IP or serial control with Visual Circuits commands
- Content updating via automated FTP or multicast
- Systems can be controlled by AMX, Leightonix and Crestron

(continued)

Firefly SC—
Single-channel, standard definition
media player ideal for multi-location
digital programming



Firefly SC Technical Specifications



VIDEO DECODING:	MPEG-1 ISO 11172 MPEG-2 ISO 13818-2 MPEG-4 (future release) 4:2:0 Program Streams (video + audio) NTSC/PAL transcoding Constant or variable bit rate decoding 12 Mbps maximum bit rate 4:3 or true 16:9 aspect ratio (content dependent) Different MPEG formats may be mixed
OUTPUT:	Component, S-video, Composite & RGB (sync on green) via female BNC connectors
GRAPHICS:	8-bit graphic overlay with adjustable transparency and fade transitions (BMP, JPG, GIF, TIF, TGA, PNG) Adjustable screen position 16-bit transparency blending; 256 levels
NETWORK:	10/100 Mbps Ethernet via RJ-45 IP Addressing: Static or DHCP
SERIAL AND ETHERNET CONTROL:	AMX, Leightronix, Crestron and Visual Circuits and LaserDisc protocol libraries
INTERNAL STORAGE:	Standard 40 GB IDE — 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:	WebView — HTML-based setup, monitor and control interface. Requires Internet Explorer 5.5 or higher. Media Messenger Single-player version (optional) — for managing and distributing media via FTP to a single Firefly player. Media Messenger Multi-player version (optional) — for managing and distributing media via FTP to groups of Firefly players in your Firefly network.
PHYSICAL & ENVIRONMENT:	4.45 cm (1.75 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° C short term)
CERTIFICATION/REGULATION:	FCC — Part 15 Class A CE

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