

MP-1080A

High Definition Digital Signage Player



Overview

Perfect for digital signage and in-store media applications, the Caltron MP-1080A is a standalone high definition digital signage player capable of multiple video and audio outputs. It supports a wide array of video options including MPEG 1, MPEG 2, MPEG 4, WMV and AVI and coupled with MP3 audio and JPEG graphics, you have a powerful and compact media player.

Utilize either VGA for analog playback or DVI-D for high definition - the MP-1080A can output 480p, 720p and 1080p, up to 1920x1080 resolution. Likewise, connect your speakers to the MP-1080 stereo jack and enjoy quality stereo playback with your movies.

The MP-1080A is designed for 24/7 use in a variety of environments. Just copy your media files on to a compact flash card or USB 2.0 drive and the MP-080A will become your low maintenance and affordable alternative to mainstream mechanical DVD and VCR units.

Features

- Various video codecs and card formats supported
- 720p and 1080p capable
- Auto scaling for picture and video

Specifications

Hardware

Sigma Design EM8620-L processor
Video Output / Audio Output
12V
USB

I/O

VGA, DVI
Stereo phone jack
USB 2.0 port
Compact Flash reader

Mechanical and Environment

Single Voltage +12V
Operation Temperature: 0~60°C [32~140°F]
Humidity: 85% maximum
188 x 153 x 24 mm [7.35 x 6 x 1 inch]
470 g [1.04 lbs]

Audio / Video Support

2 channel audio DAC
MPEG 1/2/4, MP3, JPEG, AVI

Data Rates

Video			
Codec	Resolution	Feature	File Container
MPEG 1	Support		DAT
MPEG 2	1080P or less	MPEG-2 SDTV (HDTV): 20 (25) Mbps max	MPEG, TS
MPEG 4, Divx3/4/5, Xvid	720p or less	ASP Level 5 (w/o global motion) MPEG-4 SDTV (HDTV): 10 (tdb) Mbps max	AVI, Divx
WM9	720p or less	WMT v9 SDTV (HDTV): 10 (20) Mbps max	WMV
Picture			
JPEG format, 2048x2048 maximum resolution (does not support progressive encoder)			
Audio			
Dolby Digital 5.1 (Group A), MPEG 1 (Layers 1 and 2), MPEG 1 (MP3), MPEG 4 AAC (Low Complexity, 5.1), Windows Media Audio, 16 bit Linear PCM			



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