

MPEG-2 Player Specification

The unit shall provide playback of MPEG-2 video and stereo audio in a half width 1U rack mount enclosure. The unit will be powered by a CE compliant power supply.

The unit must be capable of storing an unlimited number of individual programs on removable CompactFlash media. In addition to video it must also support playlists and real time scheduled events, stored as standard text files in a FAT-32-compatible directory structure..

The unit must respond to Parallel, Serial RS-232, and Ethernet triggers for any and all programs. The unit must support both NTSC and PAL video, and provide genlock sync in.

The unit shall support connection to a GPS “mouse” and provide automatic playback when user-defined geographic zones are entered.

Video shall be output in Composite, RGB, YUV and SDI formats.

The unit shall support overlaid text and graphics.

Minimum playback time capability must be at least one hour at 15 Mbits/sec.

Videos shall be loadable using FTP.

Once programmed, the unit must retain its configuration on the media.

Balanced or amplified audio outputs shall be available.