

## **High Definition Player Specification**

The unit shall provide hard disk playback of MPEG-2 high definition video and stereo audio.

The unit shall fit within a 2U space in a standard 19 inch equipment rack.

All 14 ATSC DTV formats must be supported, plus 1080p segmented frame.

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 a removable disk drive. In addition to video it must also support playlists and real time scheduled events, stored as standard text files in a DOS-compatible directory structure..

The unit must respond to Parallel and Serial RS-232 and RS-422 triggers for any and all programs.

Video shall be output as HD-SDI (SMPTE 292M) as well as RGB plus tri-level/bi-level (SMPTE) sync.

The unit will accept a standard black burst sync input and synchronize its playback rate to same.

Minimum playback time capability must be at least one hour at 20 Mbits/sec. The unit shall support bit rates up to 50 Mbits/sec.

Configuration of the units shall be by web page setup, and videos shall be loadable using FTP.

Once programmed, the unit must retain its configuration on the disk drive.

Unbalanced and digital audio outputs must be provided.