



SMART PLAY HD CHANNEL IN A BOX

Technical Specifications

4K, 3G, HD, SD, SDI & LTC I/O

12 bit 2K/HD/SD SDI I/O

12 bit internal processing

INPUT

1 IN SD/HD SDI (RECORDER or LIVE)
1 Genlock

OUTPUT

1 SD/HD SDI

Dual Link 4:4:4, 4:4:4:4, 4:2:2:4 I/O

Single Link 4:2:2 I/O

16 Channels of embedded audio

Supported Video Modes

720x486i @ 59.94 Hz NTSC
720x576i @ 50.00 Hz PAL

1280x720p @ 23.976Hz, 24Hz, 25Hz,
29.97Hz, 30Hz, 50Hz, 59.94Hz, 60Hz

1920x1080i @ 47.96Hz, 48Hz, 50Hz,
59.94Hz, 60Hz

1920x1080PsF @ 23.976Hz, 24Hz,
25Hz, 29.97Hz, 30Hz

1920x1080p @ 23.976Hz, 24Hz, 25Hz,
29.97Hz, 30Hz, 47.96Hz, 48Hz, 50Hz,
59.94Hz, 60Hz

2048X1080p @ 23.976Hz, 24Hz, 25Hz,
29.97Hz, 30Hz, 47.96Hz, 48Hz, 50Hz,
59.94Hz, 60Hz

2048X1080i @ 47.96Hz, 48Hz, 50Hz,
59.94Hz, 60Hz

SMPTE specifications

12M, 125M, 259M, 272M, 274M, 291M,
292M, 296M, 299M, 372M, 424M, 425M

SMART PLAY HD is a **CHANNEL IN A BOX** Video Server which integrates PLAY OUT, recording and multilayer character generation (Alpha Channel mix). Due to its modern structure **SMART PLAY HD** is the ideal equipment for automation or live work since it incorporates a set of next generation technologies, achieving total control of different types of multiformat content.

The flexibility of **SMART PLAY HD** allows multiple operations:

Recording and Simultaneous Payout.

Real time compression.

Genlock.

Supports AVI, MOV and MPG.

Selectable multiple compression formats : 1080P, 1080i, 720p, Frames 23.98 / 24 / 48 / 50 / 59.94 / 60, MPEG 2 (ISO/IEC 13818-2) (VBR, CBR) hasta 80 Mbps, WMV HD, DVCPRO HD.

Metadata definition to each video file in Header or to database integration.

Broadcast and Commercial Reports.

Frame by frame search.

Multiple clips over the same video.

3 graphic layers with Alpha Channel Mixing.

Logo insertion.

Time, temperature and humidity insertion.

Integration of Roll, Crawl, TGA series, Branding or Lower Third.

Screen preview.

Video Trim,
etc.



www.video5.tv

For more information, please
visit our website

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