



SMART SERVER HD

BROADCAST 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 for RECORDER SD/HD SDI
- 1 for LIVE SD/HD SDI
- 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 SERVER HD is a Video Server with three graphic layers, automation or live broadcasting work for TV channels, which incorporates a bunch of latest technologies, allowing a total control of different types of multi-format content.

The flexibility of **SMART SERVER 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 video, TGA series or Branding.

Two HD video Input.

Screen preview.

Video Trim.

etc.



www.video5.tv

For more information, please visit our website

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