

View Online at <https://aerobasegroup.com/nsn/5836-01-595-6272>

## Special Features:

Fabs v2 transportable, modular audio/video processing and monitoring system with the ability to encode any combination of hd or sd, mpeg 2 or mpeg 4 a vc with 4: 2: 0 or 4: 2: 2 color space. All-in-one rack mountable unit designed with standards compliance in mind. Supports comprehensive array of video encoding profiles with biss encryption. A highly robust single channel per carrier (scpc) dvb compliant mpeg 2 transport stream is output via asi and gige concurrently. For multiplexing many services or channels per carrier (mcpc), the dta provides 10 asi inputs for flexibility and high performance throughput with exceptionally low jitter. It remaps pids, adds and drops services, enables dvb-csa encryption, builds dvb tables, and adds the ability to operate encoders and dta's fully redundant. Distributes the highest quality mpeg 2 and mpeg 4 avc digital television sound and pictures 24 x 7 x 365 with the media hub-hd 422

## Functional Description:

Encoder video inputs; standard definition video analog ntsc and pal composite (bnc); sdi (smpte 259m) with embedded audio (smpte 272m): - auto detect sd 270mbps for sd, -d1 encoding only -no internal up-conversion; standard definition video pre-processing encoder filters (sd only); temporal and spatial (median); time base corrector (tbc) on sdi inputs for sd only; chroma filtering and scaling for ntsc/pal; high definition video sdi (smpte 292m) with embedded audio (smpte 299m) with auto detect for hd 1.485 gbs; encoder audio profiles dolby digital 2.0 (ac3) two (2) stereo encoders included; mpeg1 layer 2 four (4) stereo encoders included; dolby e, dolby 5.1 and dolby digital 2.0 (ac3) passthrough on aes3 1, 2

## Special Test Features:

The media hub-hd 422 supports atsc, dvb, mpeg, and iptv platforms delivering a pristine mpeg 2 transport stream including broadcast quality video, audio with excellent lip sync, closed captions, teletext, and static atsc and dvb service information. Frame accurately capture video and four pairs of stereo audio with the media hub-hd 422. The standard sony 9-pin interface operates in controller and recorder mode allowing it to control a tape device or be controlled by a non-linear editor (nle). Encode in real-time with the recorder mode directly from an nle time line directly to file. Includes (1) adtec media hub hd-422 digital video encoder, (1) cisco catalyst 3560x-24t-s, (1) marshall triple rack mount monitor or-503, (1) wohler audio monitor amp1a-30 and (1) packaging (case/connectors/etc) tsc ope case 7306/6u.

## Supplementary Features:

Specifications: mpeg 4 avc 1/2, 1/4 pixel; mpeg2 1/2 pixel; block size for compensation: mmpeg 4 avc 16 x 16, 16 x 8, 8 x 16, 8 x 8 and mpeg2 16 x 16, 16 x 8 mc; eencoder latency (mpeg 2 and mpeg 4 avc): long (1 second) distribution applications, normal (400 ms) contribution applications, low (300 ms) low latency contribution, very low (120 ms) lowest latency applications, (most irds cannot handle very low latency even with only mpeg 1 layer 2 audio); sd/hd signal generation; smpte bars (requires valid hd video source for clock on 7712 io sled); osd; dvb information service name; service provider; network information (satellite, terrestrial, cable); atsc information name, long name; audio tones selectable frequency from 440 hz to 6khz; selectable frequency from 440 hz to 6 khz; selectable mute for l/r individually for each of the four (4) pairs

## Shelf Life:

N/a

## Unit Of Measure:

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## Demilitarization:

Yes - demil/mli

## Fiig:

A31700