

TCHD-M

H.264/MPEG-2 2 HD/8 SD LBR Transcoder Module



OVERVIEW

The 'TCHD-M' module supports transcoding of MPEG2/H.264 SD/HD video as well as MPEG1LII, AAC and AC-3 audio.

KEY FEATURES

- H.264/MPEG2 HD/SD video transcoding
- MPEG1LII, AAC or AC3 audio transcoding
- Platform-based Modular Design

ORDERING INFORMATION

Model	Description
WAV-DMPSMP-TCHD-M	8-SD or 2-HD Low-bitrate MPEG2/H.264 Transcoder Module
WAV-SMP100-CHASSIS	Chassis (1RU, embedded MUX and IP/ASI, 3 x slots)
WAV-DMP900-CHASSIS	Chassis (1RU, embedded MUX, 6 x slots, Dual PSU, hot-swappable)

SPECIFICATIONS

CHANNELS

Modes: 1 x HD (1080)
2 x HD (720)
1 x HD (720) + 4 x SD (576/480)
8 x SD (576/480)

VIDEO TRANSCODING

Profiles/Levels: MPEG2 MP@HL
H.264 AVC HP@L4.2
H.264 AVC MP@L4.2
H.264 AVC BP@L4.1

Output Resolution: 1920/1440/1280/960 x 1080
1280/960/640 x 720
720/704/544/528/480/352 x 576
720/704/640/544/528/480/352 x 480

Frame Rate: Maximum 60 fps

De-Interlacing: Yes

Video Input Bitrates: MPEG2: Maximum 128 Mbps
H.264: Maximum 120 Mbps

Video Output Bitrates: MPEG2 SD: 0.6 ~ 16 Mbps
MPEG2 HD: 1 ~ 20 Mbps
H.264 SD: 0.3 ~ 15 Mbps
H.264 HD: 0.5 ~ 20 Mbps

AUDIO TRANSCODING

Audio Profiles: MPEG-1 Layer II
AC3 (optional)
AAC (LC/HE)
Passthrough

Output Audio Bitrates: MPEG-1 Layer II: 32 - 384 Kbps
AC3: 32 - 504 Kbps
AAC: 32 - 504 Kbps

Multi-Audio Support: Yes

EXTRA FUNCTIONS

Functions: AFD/BAR, Channel Branding,
PiP(future option)

