

# 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-DMPSPM-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

<b>Channels</b>	
<b>Modes:</b>	1 x HD (1080) 2 x HD (720) 1 x HD (720) + 4 x SD (576/480) 8 x SD (576/480)
<b>Video Transcoding Profiles/Levels:</b>	MPEG2 MP@HL H.264 AVC HP@L4.2 H.264 AVC MP@L4.2 H.264 AVC BP@L4.1
<b>Output Resolution:</b>	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
<b>Frame Rate:</b>	Maximum 60 fps
<b>De-Interlacing:</b>	Yes
<b>Video Input Bitrates:</b>	MPEG2: Maximum 128 Mbps H.264: Maximum 120 Mbps
<b>Video Output Bitrates:</b>	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
<b>Audio Transcoding Audio Profiles:</b>	MPEG-1 Layer II AC3 (optional) AAC (LC/HE) Passthrough
<b>Output Audio Bitrates:</b>	MPEG-1 Layer II: 32 - 384 Kbps AC3: 32 - 504 Kbps AAC: 32 - 504 Kbps
<b>Multi-Audio Support:</b>	Yes
<b>Extra Functions Functions:</b>	AFD/BAR, Channel Branding, PiP (future option)