

TCMS-M

Multi-Screen LBR Transcoder Module



OVERVIEW

The 'TCMS-M' module can flexibly transcode/transrate MPEG2/H.264 SD/HD content for TV, PC, tablet and mobile devices at an extremely low bitrate while maintaining minimal loss in video quality.

KEY FEATURES

- H.264/MPEG2 HD/SD video transcoding
- Up to 13 multi-screen output profiles
- Platform-based Modular Design

ORDERING INFORMATION

Model	Description
WAV-DMP-SMP-TCMS-M	2-CH DMP-SMP Multi-Screen LBR Transcoder Module (2 programs, 13 H.264 profiles)
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 SD/HD (480/576/720)
Video Transcoding	
Output:	Up to 7 profiles per input (can double when 2 inputs are used as a same resource)
Profiles/Levels:	H.264 AVC HP@L4.2 H.264 AVC MP@L4.2 H.264 AVC BP@L4.1
Aspect Ratio:	4:3, 16:9, Follow Input
Horizontal Resolutions:	720, 640, 544, 528, 512, 480, 416, 400, 360, 352, 320, 240, 208, 192, 176, 160, 128
Vertical Resolutions:	1080, 720, 640, 600, 576, 544, 540, 486, 480, 432, 384, 360, 320, 288, 272, 270, 240, 224, 192, 180, 160
Frame Rate:	Maximum 60 fps
Video Output Bitrates:	H.264 SD: 0.3 ~ 15 Mbps H.264 HD: 0.5 ~ 20 Mbps
Bitrate Modes:	CBR, VBR
Closed Captions:	Supported
Audio Transcoding	
Audio Profiles:	MPEG-1 Layer II AC3 AAC Passthrough
Output Audio Bitrates:	MPEG-1 Layer II: 32 - 384 Kbps AC3: 32 - 504 Kbps AAC: 32 - 504 Kbps
Performance & Functionality	
Power Consumption:	15W