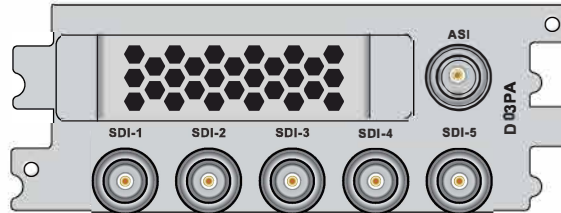


D03PA 4K H.265 Decoder Module



SDI	BNC Female *5, 75Ω
Video Decode	MPEG-2(MP@ ML for SD, MP@HL for HD) MPEG 4/H.264 AVC Part 10 (MP@L3 for SD, HP@L4.1 for HD) H.265/HEVC Main/Main10 profile@Level5.1 High-tier: up to 4Kx2K@60fps H.264/AVC BP/MP/HP@ level 5.1: H264/AVC MVC, up to 4Kx2K@30fps MPEG-1 up to 4Kx2K@60fps MPEG-2 SP@ML, MP@HL, up to 1080p@60fps MPEG-4 SP@L0-3, ASP@L0-5, support GMC, up to 1080p@60fps
Video Resolution	1080i × 30, 1080i × 29.97, 1080i × 25, 2160p60, 2160p50, 1080p60, 1080p59.94, 1080p30, 1080p29.97, 1080p25, 1080i × 30, 1080i × 29.97, 1080i × 25, 720p × 60, 720p × 59.94, 720p × 50
Video Bit Rate	<80Mb/s
HD-SDI standard	SMPTE 2082M, SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M

SDI Embedded Audio Sampling Rate	Support 16x PID or pass through 48KHz
Audio Format	MPEG Layer1/ 2 Dolby Digital (AC3) AAC-LC, HE-AAC v1/v2
Output Mode	Left, Right, Mono, Stereo
Audio Decoding	2 pairs Stereo (2 groups of audios PID or 4 sound channels)
Cross Talk	>70dB
THD	<0.3% (test done: 400Hz, 1KHz)
Frequency Response	± 0.5dB (20Hz~18KHz)
Output Level	-30~+7dB (Adjustable, 0dBm/600Ω)
Subtitle	DVB, EBU
VBI	Teletext, WSS
Closed caption	EIA 608, EIA 708
ASI IN/OUT	1
Standard	DVB-ASI, EN50083-9
Input and Output Bit Rate	≤ 200Mb/s