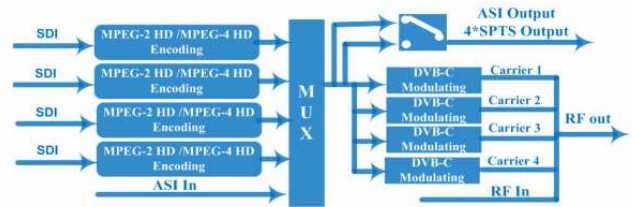




Convert 4 SDI Inputs to Digital HDTV and IPTV Channels



Thor's Single or Multi Channel SD/HD-SDI input Encoder is today's modern solution for sporting events, concerts, arenas, concert halls, or house of worship that necessitates a Pro-DVB SD/HD-SDI feed for QAM modulation for CATV distribution. SDI is the professional choice for any high end camera or digital video feed, where only the highest quality video feed is of the utmost importance. This encoder modulator will input 1, 2, or 4 channels of any SD/HD-SDI feed and produce a QAM, ASI, or IPTV stream for any distribution or contribution feed. Currently being used in dozens of professional and collegiate stadiums and arenas; this multi-channel SDI unit is a low cost powerhouse that has been lauded as a game changer with its impeccable encoding picture quality. This dynamic unit can be just an encoder, a modulator, an IPTV server, or all 3 simultaneously. The SDI-QAM unit will output in MPEG-2 or H.264 for easy distribution to any location in 720p, 1080i, or 1080p60. Combining channels or stacking units is easy with RF inputs and outputs on every unit, including a DVB-ASI input and output for headend contribution. ATSC , DVB-T, ISDB-T Modulations firmware's are also available

Product Specifications			
Input	3G-SDI, HD-SDI: BNC- 50 Ohm	Modulation Standard	QAM - J.83A, J.83B, J.83C
Supported Resolutions	1280x720P 60 / 59.94 / 50 Hz	RF Frequency Range	30-960 MHz 1 KHz Step
	1920x1080I 60 / 59.94 / 50 Hz	RF Power Level	15-43 dBmV Adjustable
	H.264 Codec ONLY	DVB-ASI Output	BNC Connector: 1-60 Mbps
Video Codecs	1920x1080P 60 / 59.94 / 50 Hz	DVB-ASI Input	BNC Connector: 1-120 Mbps
	MPEG-2 HD 1.5-19.5 Mbps	IPTV Output	Programs Selected by PID
H.264 HD 0.8-19.5 Mbps	Programs Muxed to all Outputs		
Audio Codecs	MPEG-1 Layer II	Power Input	MPEG-TS MPTS over UDP,RTP/RTSP
	MPEG-2 AAC		Unicast and Multicast Supported
Audio Sample Rate	MPEG-4 AAC	Cables Included	100-240 VAC Auto Switching
	48 kHz		~ 20 W
Audio Bit Rates	64 kbps, 96 kbps, 128 kbps, 192 kbps, 256 kbps, 320 kbps		1 to 4 HD-SDI BNC cables, power cords