

HD ENCODER & DVB-S/S2 MODULATOR

FEATURES:

- For QPSK and 8PSK DVB-S/S2 modulation
- HDMI/YPbPr/CVBS or SDI input
- 1 ASI input for pass-through and 1 ASI output
- Support LCN (Logical channel number)
- Logo insertion function via USB port
- Support BISS scrambling
- Support 24V power out via RF output port
- Support 10MHz reference clock out
- LCD display and control setting on front panel
- Ethernet software upgrade
- Support Web "NMS"



TECHNICAL SPECIFICATIONS:

Model		DVBS-HD100R	DVBS-DI100R
Input section (Video)	Input	1 x HDMI / YPbPr / CVBS	1 x SDI
	Encoding	MPEG-2 & MPEG-4 AVC/H.264	
	Resolution	HDMI: 1920x1080_60p/50p (for MPEG4 AVC/H.264 only), 1920x1080_60i/50i, 1280x720_60p/50p YPbPr: 1920x1080_60i/50i, 1280x720_60p/50p CVBS: 720x576_50i (PAL), 720x480_60i (NTSC)	1920x1080_60p/50p (for MPEG4 AVC/H.264 only), 1920x1080_60i/50i, 1280x720_60p/50p, 720x480_60i, 720x576_50i
	Bit-rate	1.000~19.500Mbps	
	Low delay	Normal / mode 1 / mode 2	
	Rate control	VBR / CBR	
	Chroma	4:2:0	
	Aspect ratio	16:9 / 4:3	
	Input section (Audio)	Encoding	MPEG-1 layer II, MPEG-2 AAC, MPEG-4 AAC, Dolby digital AC3 2.0 (optional)
Sampling rate		48KHz	
Bit-rate		64, 96, 128, 192, 256, 320Kbps	
Output section (DVB-S/S2)	Constellation	DVB-S: QPSK / DVB-S/S2: QPSK, 8PSK	
	Adjustable output frequency	950.00~2150.00MHz (10KHz step)	
	FEC	1/2, 2/3, 3/4, 5/6, 7/8 (DVB-S QPSK) 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 (DVB-S/2 QPSK) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (DVB-S/2 8PSK)	
	Symbol rate	0.05~20.0Msp/s	
	Roll off	0.35, 0.25, 0.2	
	Adjustable output level	-10 ~ -41.5dBm	
	Connector	N type (50Ω)	
Stream output	ASI	1 x ASI output, BNC interface	
General	Mains supply voltage	100~240VAC	
	Consumption	25W	
	Dimensions	44mm(H) x 482mm(W) x 460mm(D)	
	Weight	5kg	
	Temperature	0~45°C (operating), -20~80°C (storage)	