

## HD ENCODER & DVB-T MODULATOR

### FEATURES:

- For COFDM DVB-T modulation
- HDMI or SDI input
- ASI in/out with re-mux
- With IP output (MPTS)
- Support "Program Name" & "LCN" insertion
- Support two carriers combined output (HD402R only)
- LCD display and control setting on front panel
- Ethernet software upgrade
- Support Web "NMS"



### TECHNICAL SPECIFICATIONS:

Model		DVBT-DI100R	DVBT-DI200R	DVBT-HD100R	DVBT-HD200R	DVBT-HD402R
Input section (Video)	Input	1 x SDI (BNC)	2 x SDI (BNC)	1 x HDMI	2 x HDMI	4 x HDMI
	Encoding	MPEG-2 & MPEG-4 AVC/H.264				
	Resolution	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				
Input section (Audio)	Encoding	MPEG-1 layer II				
	Sampling rate	48KHz				
	Bit-rate	64, 96, 128, 192, 256, 320Kbps				
Output section (DVB-T)	Standard	EN300744				
	FFT mode	2K, 8K				
	Bandwidth	6MHz, 7MHz, 8MHz				
	Constellation	QPSK, 16QAM, 64QAM				
	Guard Interval	1/4, 1/8, 1/16, 1/32				
	FEC	1/2, 2/3, 3/4, 5/6, 7/8				
	MER	>42dB				
	Adjustable output frequency	30~960MHz (1KHz step)				
	Second carrier combined output	Within 32MHz of main carrier center frequency (HD402R only)				
	Adjustable output level	-30~-10dBm (78~98dBμV) 0.1dB step				
	Spurious	>55dB				
	RF loop-in loss	-1dB				
	Connector	F type (75Ω)				
Stream output	ASI	2 x ASI output, BNC interface				
	IP	MPTS over UDP, RJ45 100M, (UDP unicast / multicast)				
General	Mains supply voltage	100~240VAC				
	Consumption	25W				
	Dimensions	44mm(H) x 482mm(W) x 300mm(D)				
	Weight	3kg				
	Temperature	0~45°C (operating), -20~80°C (storage)				