



**Feature**

- *Integrated product with build-in AV encoder and DTMB modulator*
- *Digital TV DTMB RF and modulation output*
- *Small compact size that can place anywhere*
- *Supports LCN insertion*
- *Supports Channel name edit*
- *Supports USB TS record and playback (DMODHD1 only)*
- *LCD display with front panel control*

# DTMB Encoder Modulator DMODS1A/DMODHD1

**Specifications**

Model	SD Modulator DMODS1A	HD Modulator DMODHD1
Encoder Video	<b>Encoding standard</b>	MPEG-2 MP@ML(4:2:0)
	<b>Input Interface</b>	CVBS x 1
	<b>Resolution</b>	720 x 576_50i (PAL) 720 x 480_60i (NTSC)
Encoder Audio	<b>Encoding standard</b>	MPEG-4 AVC / H.264
	<b>Input Interface</b>	YPbPr x 1, CVBS x 1, S-Video x 1, HDMI x 1
	<b>Resolution</b>	CVBS & S-Video: 720 x 576_50i (PAL), 720 x 480_60i (NTSC) YPbPr: 1920 x 1080_60i, 1920 x 1080_50i; 1280 x 720_60p, 1280 x 720_50p HDMI: 1920 x 1080_60P, 1920 x 1080_50P; 1920 x 1080_60i, 1920 x 1080_50i; 1280 x 720_60p, 1280 x 720_50p
Modulator	<b>Encoding standard</b>	MPEG-1 Layer II
	<b>Input Interface</b>	Stereo
	<b>Sampling rate</b>	48KHz
	<b>Bit rate</b>	64kbps ~ 384kbps
	<b>Standard</b>	GB20600-2006
	<b>FFT</b>	1, 3780, 1+pilot
	<b>Constellation</b>	4QAM-NR, 4QAM, 16QAM, 32QAM, 64QAM
	<b>FEC</b>	0.4, 0.6, 0.8
	<b>Inter-leaver depth</b>	240, 720
	<b>Frequency Range</b>	30 ~ 860MHz,
Other	<b>Output level</b>	-36 ~ -16dbm (73~93 dbμV)
	<b>MER</b>	≥ 35db
Other	<b>Power</b>	DC 12V
	<b>Dimension</b>	265 x 155 x 50mm
	<b>Weight</b>	800g
	<b>Temperature</b>	0°C ~ 45°C

*Specifications subject to change without notice.*

