

# Sola-Sat HD DVB-S2 Encoder Modulator

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## Features

- Supporting H.264 SD/HD encoding
- Supporting HD-SDI/SD-SDI audio video input, CVBS/YpbPr video input, and unbalanced left right channel audio input
- Supporting DVB-S QPSK modulation and supporting FEC 1/2, 2/3, 3/4, 5/6, 7/8
- Supporting DVB-S2 QPSK modulation and supporting FEC 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
- Supporting DVB-S2 8PSK modulation, and supporting FEC 3/5, 2/3, 3/4, 5/6, 8/9, 9/10

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- RF output frequency is ranged from 950.00-2150.00Mhz and the step length is 10khz
- Output range of symbol rate is 0.05-20Msps
- Supporting the modulation after the switching between ASI input TS and encoding output TS
- Supporting ASI output after the switching between ASI input TS and encoding output TS
- Supporting output level adjustable; the adjustable range is 0-16db the maximum output level is not smaller than -8dbm



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## Specifications:

<b>Encoding mode</b>	H.264/AVC SD/HD	
<b>Input</b>	One channel HD-SDI/SD-SDI input	
	One channel CVBS/YPbPr video input	
	Unbalanced left channel and right channel audio input	
	ASI input	
<b>Modulation Mode</b>	DVB-S QPSK	FEC 1/2,2/3,3/4,5/6,7/8
	DVB-S2 QPSK	FEC 1/2,3/5,2/3,3/4,4/5,5/6,8/9,9/10
	DVB-S2 8PSK	FEC 3/5,2/3,3/4,5/6,8/9,9/10
<b>RF output</b>	950.00-2150.00 MHz, step 10Khz	
<b>Symbol rate</b>	0.05-20.0Msps	
<b>Output level adjustable</b>	0-16db, maximum output level $\geq$ -8dbm	