

Dual SDI/HDSI to COFDM MPEG2/4 Modulator Rack Mount 14MM-DD2HDSI-R

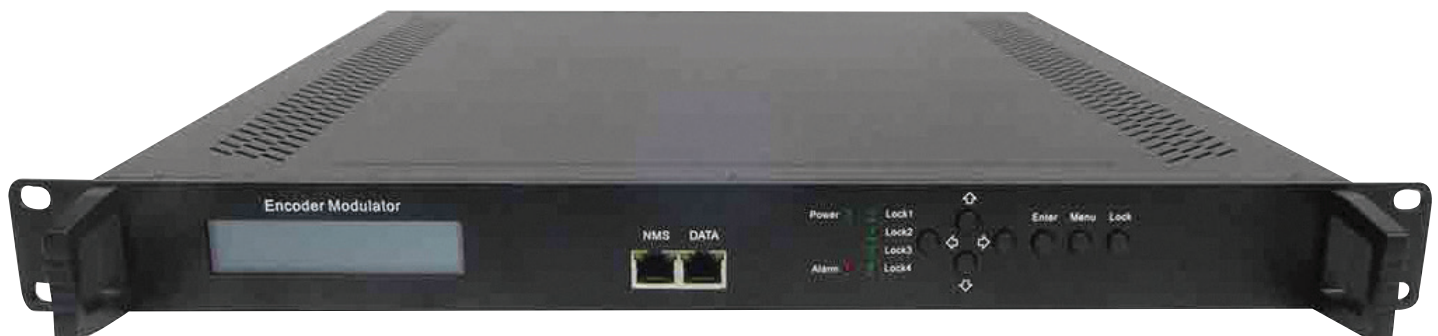


For the Best

The DD2HDSI-R is a rack mount professional dual SDI/HDSI encoder modulator. Encoding to either MPEG2 or H.264 video codecs and modulating to DVB-T with simultaneous multicast IP output.

Features and Benefits

- » 2 x SDI/HDSI Modulated to 1 RF output plus multicast IP
- » MPEG2 or H.264 encoding
- » Low latency mode
- » MER >40dB
- » WEB management for programming and monitoring
- » 0-45 degrees operating temperature



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14MM-DD2HDSI-R Specifications

Video	
Encoding	MPEG2; MPEG4 AVC/H.264
Input	1x SDI
Bitrate	1-19.5Mbps
Resolution	1920 x 1080_60P, 1920 x 1080_50P, (-for MPEG4 AVC/H.264 only) 1920 x 1080_60i, 1920 x 1080_50i, 1280 x 720_60p, 1280 x 720_50P, 720 x 480_60i, 720 x 576_50i
Low Delay	Normal, Mode 1, Mode 2
Rate Control	VBR/CBR
Chroma	4:2:0
Aspect Ratio	16:9,4:3
Audio	
Encoding	MPEG1 Layer II , MPEG2-AAC, MPEG4-AAC and Dolby Digital AC3 2.0(Optional)
Sample Rate	48KHz
Bitrate	64/96/128/ 192/256/320kbps
Modulator Section	
DVB-T	
Standard	DVB-T COFDM
Bandwidth	6M, 7M, 8M
Constellation	QPSK, 16QAM, 64QAM
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8.
Guard Interval	1/32, 1/16, 1/8, 1/4

Transmission Mode	2K, 8K
MER	≥42dB
RF Frequency	30-960MHz, 1KHz step
RF Out	1 x DVB-T 2 x DVB-T carriers combined output (Option)
RF Output Level	-30~ -10dbm (77-97 dbQV), 0.1db step
General System	
Local Interface	LCD + control buttons
Remote Management	Web NMS
Stream Out	2 ASI out (BNC type)
	DVB-T: IP (3 MPTS or 4 SPTS) out over UDP, RTP/RTSP (2 RF out)
NMS Interface	RJ45, 100M
Language	English
Physical Specifications	
Power Supply	AC 100V-240V
Dimensions	482 x 300 x 44mm (19" rack) 267 x 250 x 44mm (portable)
Weight	4.5 kg (19" rack) 2.5 kg (portable)
Operation Temperature	0-45°C