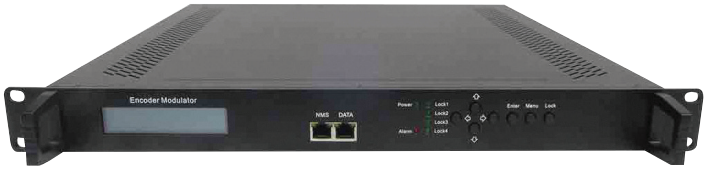
Quad HDMI® to COFDM MPEG2/4 Modulator Rack Mount

14MM-DD4HD-R

The DD4HD-R is a rack mount professional quad HDMI® encoder modulator. DD4HD-R encodes either MPEG2 or H.264 video codecs and modulates to DVB-T with simultaneous multicast IP output. In addition, DD4HD-R features two RF outputs to allow a higher bit rate per service for better picture quality and stability, especially in MPEG2 format.

Features and Benefits

- MPEG2 HD/MPEG4 HD video encoding
- All-in-one device which integrates encoding (MPEG-2 HD, MPEG-4/AVC H.264) and modulation to DVB-T to convert V/A signals into RF outputs
- 4 HDMI® inputs and outputs 2 RF channels and 1 UDP IP port
- Up to 1920*1080@50p/60p supported (MPEG4 HD)
- Up to 1920*1080@50i/60i supported (MPEG2 HD)
- 4 HDMI® in; 2 DVB-T RF out

Video Input	HDMI*4
Video Resolution	1920x1080_60P, 1920x1080_50P, (-for MPEG4/H.264), 1920x1080_60i, 1920x1080_50i, 1280x720_60p, 1280x720_50p
Audio Encoding	MPEGI Layer II, (MPEG2-AAC, MPEG4-AAC available)
Audio Sample Rate	48KHz
Audio Bit Rate	64bps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps
Standard	EN300744
FFT Model	2k, 8k
Bandwidth	6M, 7M, 8M
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
RF Frequency	30-960MHz, 1KHz step
RF Out	2*RF COFDM DVB-T out (2 carriers combined output)
RF Output Level	-30 - -10dBm (81-97dBµV), 0.1dB Step
Local Interface	LCD + Control Buttons
Remote Management	Web NMS
Ouput	2*MPTS out (RJ45, 100M)
Power Supply	AC 100V-240V
Operating Temperature	0˚-45˚C