

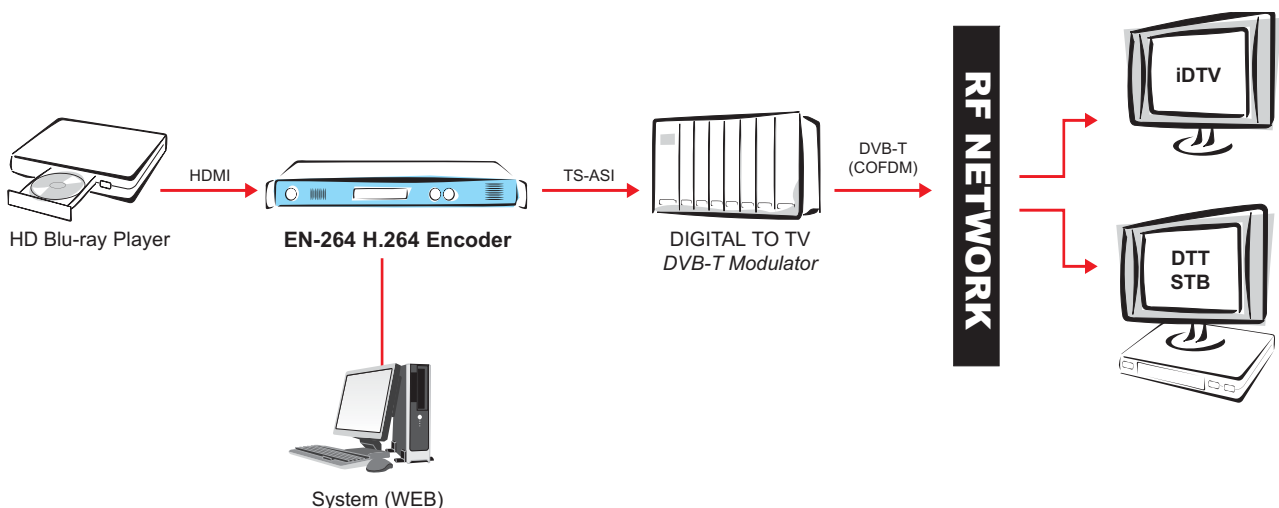
DVB (H.264) ENCODER & TRANSCODER

PROMAX EN-264 is a **DVB H.264/AVC Encoder** plus the MPEG-2 to H.264/AVC Transcoder. Integrated with the TSoIP board, the **PROMAX EN-264** accepts TS over IP or ASI input for transcoding, or alternatively accepts HD/SD-SDI, HDMI, YPbPr or CVBs input for encoding, the final output is available in IP or ASI format. With extraordinary picture quality and significant bandwidth liberation, is the best choice for higher **EN-264** performance encoding and migration from MPEG-2 to H.264.



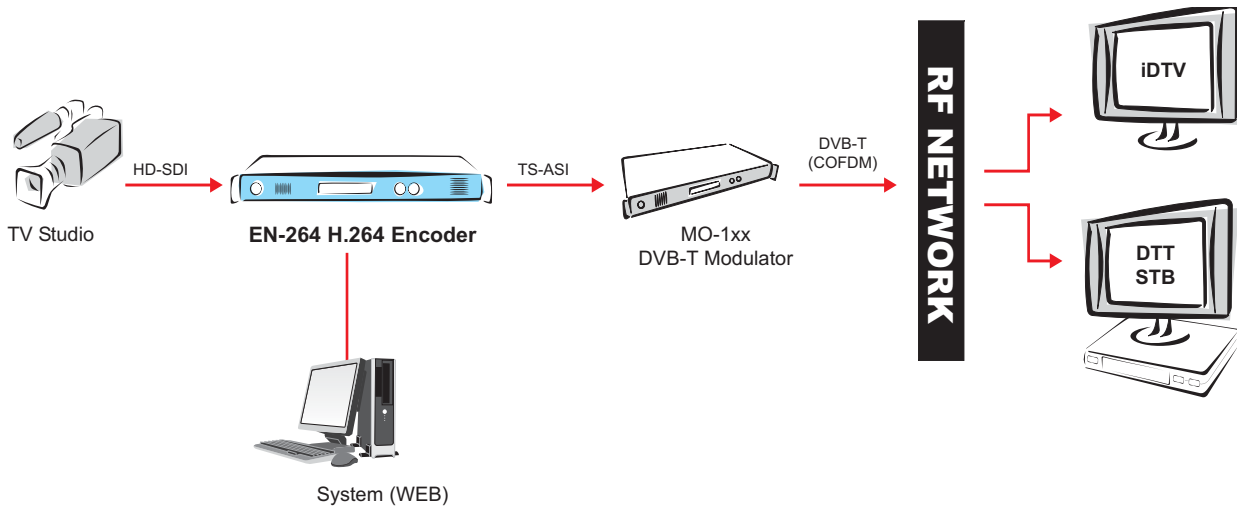
- ✓ H.264/AVC (MPEG-4 part 10), High profile, Level 4.0, 4:2:0 Chrominance sampling
- ✓ TS to TS Transcoding MPEG-2 HD to H.264 HD/SD, or MPEG-2 SD to H.264 SD
- ✓ MPEG-1 Audio Layer1 & Layer2 encoding
- ✓ 1x Dolby Digital (AC-3) or 1x MPEG-1 audio pass through transcoding
- ✓ Supports full HD 1080i encoding
- ✓ Extensive video pre-processing solutions
- ✓ Best possible picture quality from 2.0 Mbit/s to 20 Mbit/s
- ✓ 1x Stereo pair analogue XRL Balance audio input, or digital AES/EBU audio input option
- ✓ HD-SDI, HDMI, YPbPr/RGB video input interface
- ✓ Full-Duplex TS over IP I/O, RTP protocol ready for Unicast and Multicast (does not require external encoder)
- ✓ ASI input and output
- ✓ SNMP Ethernet Management

Example #1



DVB (H.264) ENCODER & TRANSCODER

Example #2: High definition



SPECIFICATIONS	EN-264 DVB (H.264) ENCODER & TRANSCODER
VIDEO INPUT AND COMPRESSION Video input interface Video Compression Bit rate Frame rate Resolution	HD-SDI, HDMI, YPbPr (component), CVBS (composite video) H.264 High Profile / Level 4.0 Half-Duplex Codec 20Mbps (max.) 1fps to 25/30fps 1920×1080×60i/50i, 1440×1080×60i/50i, 1280×720×60p/50p, 720×480×60i, 720×576×50i
AUDIO INPUT AND COMPRESSION Audio input Interface Audio Compression Format	Stereo RCA female, 600 Ω MPEG-1 Audio Layer 1&Layer2 encoding Dolby Digital(AC-3) pass-through
TS I/O ASI Input MPEG over IP ASI output	BNC×1, 75Ω 10/100Mbps T-base, RJ45, RTP over UDP/TCP, Unicast or Multicast BNC×1, 75Ω
OPERATING ENVIRONMENTAL CONDITIONS Operating Temperature Humidity Power supply Dimensions Net weight Storage Temperature	0 to 45°C < 85%, Non-condensed AC 90~260V 50Hz/60Hz 15W 440 mm (W.) x 44 mm (H.) x 240 mm (D.) 3 Kg -20 to 70°C