

## DVB H.264 Encoder / Modulator

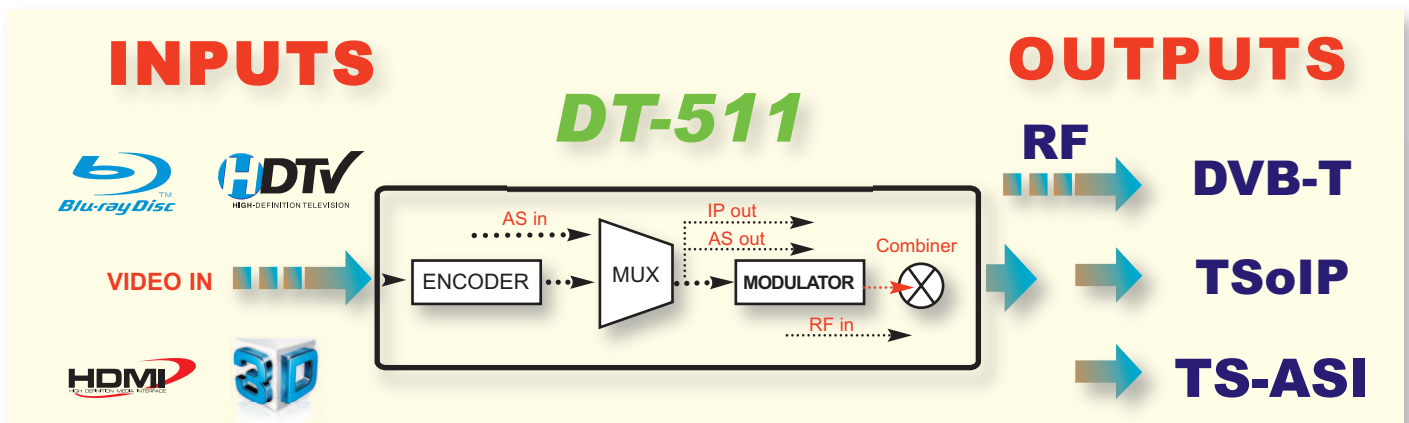
### ✓ HIGH DEFINITION ENCODER



**PROMAX DT-511-02** module is an affordable DVB H.264/AVC Encoder. It includes HDMI and TS-ASI inputs and offers TSolP and DVB-T outputs. Because of its excellent encoding performance, bandwidth efficiency and moderate price it is an ideal solution to add High Definition to your programme roster. Applications include but are not limited to Hotels, ships, convention centers, hospitals, Cable TV networks, etc. (\*)

✓ **HDMI to DVB-T**      ✓ **HDMI to TSolP**

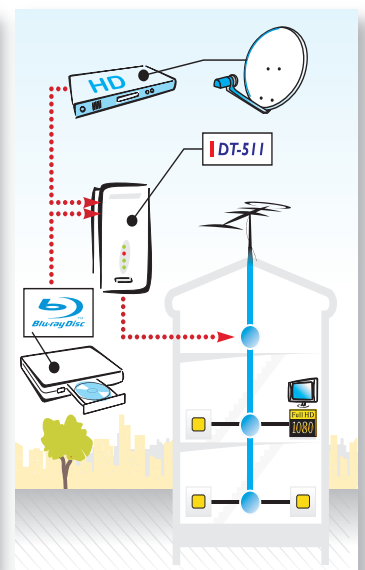
✓ **AGILE RF OUTPUT**



### Applications:

Broadcast of an information or advertising channel using hotel's coaxial or IP distribution network. Using a Blu Ray player or a PC with **HDMI** output it is very easy to add complementary television channels, tailored to your needs and in high definition. They can inform about general hotel news, special services offered or even about the happy hour available at the bar during the evening match.

Distribution of satellite receiver signals or other video sources so that they are available on all TVs in a house or facility.

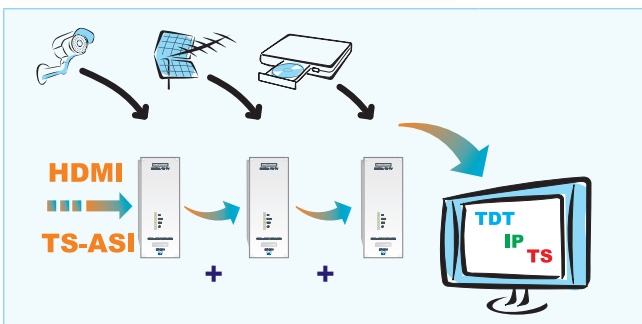
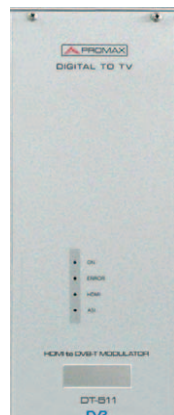


(\*): Blu Ray player (not included) only displayed in picture for demonstration purposes.

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### DT-511

Besides being an inexpensive and self-sufficient device the **DT-511** module is also compatible with **DTTV** headends Thanks to its internal multiplexer several HD programmes can be added to the distribution network on a single RF channel.



SPECIFICATIONS	DT-511-02
<b>Video</b> Encoder Input Resolution	H.264/AVC High Profile Level 4.0 (HD) HDMI + backup 1920 x 1080_60i, 1920 x 1080_50i, 1280 x 720_60p, 1280 x 720_50p
<b>Audio</b> Encoder Input Sample rate Bit rate	MPEG-1 Layer II HDMI + backup 48 kHz 128 kbps
<b>Modulator Section</b> DVB-T Modulator Standard FFT mode Bandwidth Constellation Guard Interval FEC MER RF frequency RF output level	EN304 744 2 K, 8 K 6 M, 7 M, 8 M QPSK, 16 QAM, 64 QAM 1/4, 1/8, 1/16, 1/32 1/2, 2/3, 3/4, 5/6, 7/8 ≥42 dB From 30 to 960 MHz, 1 kHz step From -26 to -10dbm (from 81 to 97 dbμV), 0.1 dB step
<b>Configuration</b> Parameters	Through web server TSID, VPID, APID, SID, Network name, NID, ONID, Service name, LCN, NIT version
<b>Power Supply</b> Connector Voltage and highest consumption	(DT-511 Via the DT-800 Control and Power module) (JST B08P-XL-HDS DT-511, connecting cable supplied with the DT-800 module) +12 V, <0.55 A ; +5 V, <3 A external power supply included
<b>Mechanical features</b> Dimensions Weight	W. 100 x H. 262 x D. 230 mm 800 g