

EN-206 HD multistandard Modulator



The **EN-206** home modulator sends HDMI high definition audio / video signal from TV satellite receivers, closed-circuit television cameras (CCTV), video players or USB *pendrives* to a TV which uses **DVB-T** and **ATSC** Digital Terrestrial Television standards, as well as **DVB-C** digital cable television receivers.

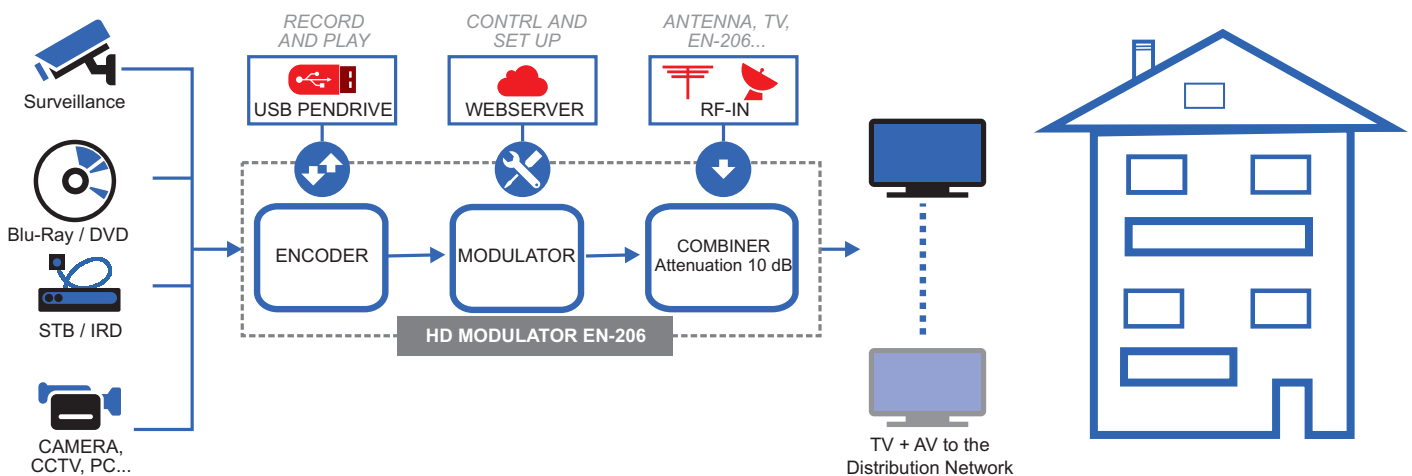
The **EN-206** can be set from a PC, accessing to its internal web settings page (webserver). It can also be set via the keyboard and display built on the modulator.

The **EN-206** includes an RF combiner on which a channel modulated from existing antenna signals can be added easily. It is a passive combiner that works even if the modulator is off. It can also be daisy-chained with other **EN-206** modulators and with any other RF signal so that the number of channels in the SMATV system can be increased as desired.



- ✓ Easy to program via webserver or keyboard + display
- ✓ HDMI to DVB-T/C or ATSC in VHF and UHF
- ✓ Compact and small, 45 mm high

- ✓ LCN Programmable
- ✓ DVB Tables Generation
- ✓ Built-in RF Combiner



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SPECIFICATIONS	EN-206 - High definition digital modulator in DVB-T, DVB-C and ATSC standards		
HDMI Video Encoding Interface Resolution 1280 x 720_50 p Bit rate Audio Encoding Interface Sample rate Bit rate	MPEG-4 AVC/H.264 HDMI 1920 x 1080_60 p, 1920 x 1080_50 p; 1920 x 1080_60 i, 1920 x 1080_50 i; 1280 x 720_60 p, 0.500~19.500 Mbps MPEG1 Layer II, MPEG-2 AAC, MPEG-4 AAC HDMI 48 KHz 64, 96, 128, 192, 256, 320, 384 kbps		
YPbPr/ CVBS/ S-Video Video Encoding Interface Resolution CVBS & S-Video YPbPr Bit rate Audio Encoding Interface Sample rate Bit rate	MPEG-4 AVC/H.264 CVBS x 1, YPbPr x 1, S-Video x 1 720 x 576_50i (PAL); 720 x 480_60i (NTSC) 1920 x 1080_60i, 1920 x 1080_50i; 1280 x 720_60 p, 1280 x 720_50 p 0.500~19.500 Mbps MPEG1 Layer II, MPEG-2 AAC, MPEG-4 AAC 1 x Stereo / 2 x Mono 48 KHz 64, 96, 128, 192, 256, 320, 384 kbps		
USB	TS files recording and playback		
Modulation Bandwidth Constellation Code rate Guard Interval MER RF frequency RF output level	DVB-T COFDM 6 / 7 / 8 MHz QPSK, 16 QAM, 64 QAM 1/2, 2/3, 3/4, 5/6, 7/8 1/32, 1/16, 1/8, 1/4 ≥42 dB	DVB-C J.83 A/B/C 8 MHz (A), 6 MHz (B/C) 13, 32, 64, 128, 256 QAM (A) 64, 256 QAM (B/C) 1/2, 2/3, 3/4, 5/6, 7/8 1/32, 1/16, 1/8, 1/4 ≥43 dB	ATSC A/53 6 MHz 8 VSB 1/2, 2/3, 3/4, 5/6, 7/8 1/32, 1/16, 1/8, 1/4 ≥42 dB
	30~1000 MHz, 1 kHz step -16~ -36 dBm (71~91 dBμV), 0.1dB step		
System Management PC connection Language LCN Insertion	Via web interface (webserver) or LCD + control buttons RJ45 ethernet network port English Yes		
General Power supply Dimensions Weight	DC 12V 183 H. x 45 W. x 110 D. mm < 1 kg		
Included accessories	Power supply, Mains cord, HDMI cable, YPbPr / S-Video / CVBS / Audio Stereo adapter, Quick reference guide		
Software to convert video	Free download from www.promaxelectronics.com		