

EN-206D HD multistandard Modulator

DVBT

DVBC

ATSC

ISDB-T/TB

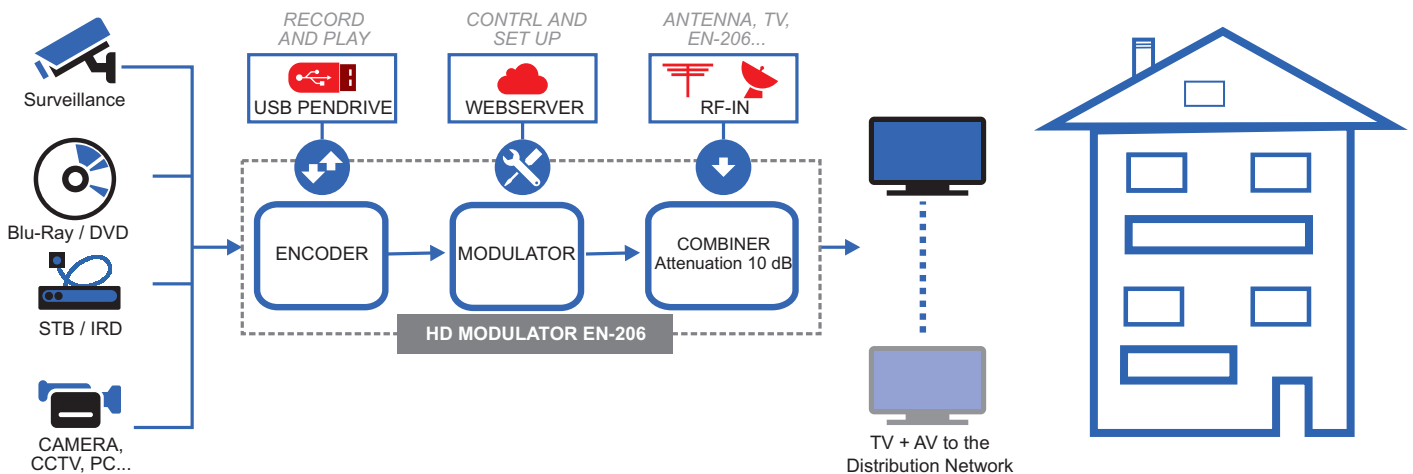
The **EN-206D** home modulator sends HDMI high definition audio / video signal from TV satellite receivers, closed-circuit television cameras (CCTV), video players or USB *pendrives* to a TV which uses **DVB-T**, **ATSC** and **ISDB-T/TB** Digital Terrestrial Television standards, as well as **DVB-C**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

The **EN-206D** 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-206D** 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-206D** 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
- ✓ LCN Programmable
- ✓ HDMI to DVB-T/C, ATSC or ISDB-T/TB in VHF and UHF
- ✓ DVB Tables Generation
- ✓ Compact and small, 45 mm high
- ✓ Built-in RF Combiner



EN-206D HD multistandard Modulator

SPECIFICATIONS	EN-206 - HD modulator in DVB-T/C, ATSC and ISDB-T/Tb standards			
HDMI Video Encoding Interface Resolution Bit rate Audio Encoding Interface Sample rate Bit rate	MPEG-4 AVC/H.264 HDMI 1920x1080 @60p, 1920x1080 @50p, 1920x1080 @60i, 1920x1080 @50i, 1280x720 @60p, 1920x720 @50p 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 720x576 @50i (PAL), 720x480 @60i (NTSC) 1920x1080 @60i, 1920x1080 @50i; 1280x720 @60p, 1280x720 @50p 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	ARIB STD-B31 6 MHz DQPSK, QPSK, 16 QAM, 64QAM 1/2, 2/3, 3/4, 5/6, 7/8 1/32, 1/16, 1/8, 1/4 ≥42 dB
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			