

## ENCODER H.264/MPEG-2 HD/SD

The OMB H.264/MPEG-2 HD/SD coder is the most advanced system that adopts the coding algorithm H.264 for audio and video. It has different video inputs (CVBS, SDI) and audio interfaces (RCA, XLR), input and output TS/IP and internal multiplexer. It also includes remote Ethernet management with internal web server.



Versions for two, four and six services.

### GENERAL CHARACTERISTICS

<b>VIDEO INPUTS</b>	(2, 4 or 6) * Analog CVBS (2, 4 or 6) * SDI Interface HD/SD-SDI 2 * ASI 1 * TS/IP Ethernet GBE
<b>AUDIO INPUT</b>	Balanced audio stereo Unbalanced audio stereo HD/SD-SDI with embedded audio
<b>VIDEO</b>	
<b>RESOLUTION</b>	1920x1080_60i, 1920x1080_50i 1280x720_60p, 1280x720_50p 1920x1080_60P, 1920x1080_50P 720x480, 704x480, 352x480, 352x240 (NTSC) 720x576, 704x576, 352x576, 352x288 (PAL)
<b>CODING</b>	H.264 high profile level 4.0 for HD H.264/MPEG2 high profile level 3.0 for SD
<b>BIT-RATE</b>	0.8-20Mbps
<b>RATIO CONTROL</b>	CBR/VBR

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AUDIO	
<b>CODING</b>	MPEG1 Audio Layer 2, AC3, MPEG2 AAC, MPEG4 AAC.
<b>SAMPLING RATE</b>	48KHz
<b>RESOLUTION</b>	24-bit
<b>BIT-RATE</b>	64-384Kb/s
<b>STREAM OUTPUT</b>	2*ASI 1*TS/IP Ethernet GBE
<b>CONTROL</b>	LCD screen, keyboard operation and Ethernet for updates
GENERAL	
<b>DIMENSIONS</b>	482x455x44mm
<b>WEIGHT</b>	4.5Kg
<b>OPERATION TEMPERATURE</b>	0-45°C
<b>STORAGE TEMPERATURE</b>	-20°C to 80°C
<b>SUPPLY</b>	AC 100V-220V ±10%, 50/60Hz
<b>CONSUMPTION</b>	17.6W

*\* The images and/or technical specifications are subject to change without previous notice.*

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