



ENCODER-MODULATOR

HDM-9400

Encoder-Modulator

- 4K/UHD
- H.264/AVC
- HDMI
- ASI
- IP / Ethernet
- DVB-C
- DVB-T/T2
- ISDB-T

Model designation as per manufacturer reference

Overview

The VIZOBOX HDM-9400 is an all-in-one encoder-modulator that converts HDMI inputs into adjacent DVB-C/T RF channels, integrating encoding, multiplexing and modulation in a single unit.

Key Features & Applications

- ✓ Integrated encoding, multiplexing & modulation
 - ✓ Multi-channel bouquet output
 - ✓ Web-based management & monitoring
- ✓ HDMI input to adjacent DVB-C/T RF channels
 - ✓ PSI/SI editing & PID remapping

Technical Specifications

<i>8/16/24 HDMI inputs for option 1 ASI in for re-mux 1 USB Player input for re-mux 128 IP input over UDP and RTP, GE port, RJ45—DVB-C RF out Input 128 IP input over UDP and RTP, GE port, RJ45—DVB-T/ATSC RF out 128 IP input over UDP and RTP, GE port, RJ45—ISDB-T(b) RF out 1920×1080p60, 1920×1080i60, 1920×1080p50, 1920×1080i50, Input 1280×720p60, 1280×720p50,</i>	
Resolution	720×576i50,720×480i60, 1920×1080p30, 1920×1080p25,
Video	Output · 1280×720p30, 1280×720p25, 720×576p25,720×480p30
Encoding	MPEG-4 AVC/H.264
Bit-rate	1Mbps...13Mbps every channel
Rate Control	CBR/VBR
GOP Structure	IP...P (P Frame adjustment, without B Frame)
Encoding	MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through
Sampling rate	48KHz
Resolution	24bit
Audio Gain	0-255 Adjustable Audio MPEG-1Layer2 48/56/64/80/96/112/128/160/192/224/256/320/384 kbps Bit-rate
LC-AAC Bit-rate	48/56/64/80/96/112/128/160/192/224/256/320/384 kbps
HE-AAC Bit-rate	48/56/64/80/96/112/128 kbps Maximum PID 255 input per channel Remapping
Multiplexing	PID remapping (automatically or manually)
Function	Automatic PCR adjusting Generate PSI/ SI table automatically 12 non-adjacent carriers output (maximum QAM Channel bandwidth 192MHz)
Standard	EN300 429/ITU-T J.83A/B
MER	≥40dB
RF frequency	50...960MHz, 1KHz step
DVB-C	RF output level · -20...+3dBm, 0.1dB step
Modulation	Symbol Rate · 5.0MSps...7.0MSps, 1kSps stepping

J.83A	J.83B 16/32/64/128/256
Constellation	64/256 QAM
QAM	
Bandwidth	8 MHz · 6 MHz
Standard	EN300744 DVB-T
FFT mode	2K, 4K, 8K



Vizobox Development GmbH
Hanauer Landstraße 126-128
60314 Frankfurt am Main, GERMANY
www.vizobox.de

Model designation follows the manufacturer reference. Specifications are indicative, may vary by configuration and are subject to change without notice. © 2026 Vizobox Development GmbH. All rights reserved.