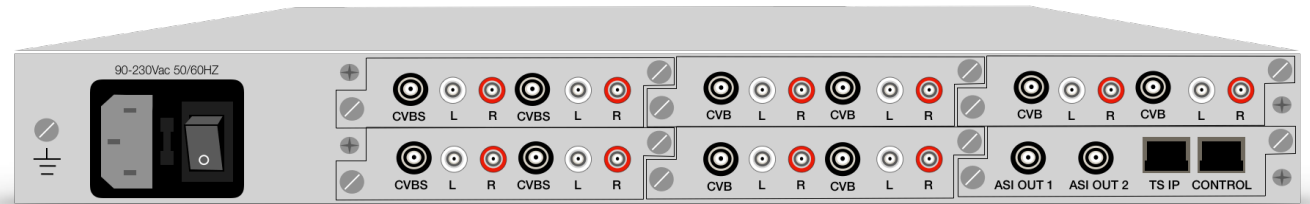




STANDARD

**DEFINITION
DVB Series**

**ENCODER
H.264**



DVB T2 S2 C **HDMI** **H.264**
MPEG-4/AVC

MODEL IDH2 8000SE

IDH2 8004/8006/8008/80010 SE

are real time low bit– rate encoders with Magnum chipsets, designed specifically for Digital Television systems, featuring dual power supply, advanced video filtering, jitter–free, standard– compliant transport stream, where both H.264 and MPEG–2 are supported.

Telelynx is proud to introduce a reliable, low bit–rate and high–performance multiple–channel H.264 / MPEG–2 standard definition (SD) encoder integrated with a re–multiplexer. This product line includes four, six, eight and ten channels of H.264 / MPEG–2 SD encoders to be multiplexed to an MPTS ASI output and IP output. Multi–channel Real Time Encoder with Multiplexer

MAIN FEATURES

Size: 1 rack unit	Support IP unicast and multicast	Dual power supplies: 1 main, 1 backup with auto backup.
Front panel control: System parameter setting and alarm message 2 x 20 display, 4 LED, 6–Key buttons	Support IP output (UDP/ RTP protocol)	<u>Number of H264/MPEG–2 encoders: 4, 6, 8, or 10.</u>
Rear panel: up to 10 analog CVBS and audio inputs, 2 ASI outputs (1 main, 1 backup), 2 RJ–45 ports (1 for network manager, 1 for TS over IP output), both at 100 Base–T	Network management with management software for setting, configuration, and management of each element of the integrated headend through Ethernet.	Number of multiplexer: 1 (default)

SPECIFICATIONS

INPUT

VIDEO:

CVBS, BNC type, 75 ohm

AUDIO:

Un-balanced Analog, RCA type,
Hi-impedance (Audio gain selectable)

OUTPUT

IP: TS OVER IP

ASI OUTPUT BIT RATE: Up to 160 Mbps

PROTOCOL: UDP/RTP

SUPPORT UNICAST/MULTICAST

SUPPORT BOTH OF THE TWO IP

MODES:

IPD: up to 10 IP output ports, where Port
1-10 corresponds to encoder 1-10.

IPM: One multiplexed IP output.

MULTIPLEXER

RE-MULTIPLEXING:

Up to 10 internal encoded SPTS inputs

ASI OUTPUT BIT RATE:

Up to 160 Mbps

VIDEO CODING

SPEC:

Support up to 10 audio and video
H.264/MPEG-2 encoding, standard
definition, MP@L3

RESOLUTION:

720x480x60i, 720x576x50i

A/D PRECISION: 10 BITS

VIDEO GOP SELECTABLE

MANAGEMENT PORT

CPU10/100M Ethernet

AUDIO CODING

SPEC:

MPEG-2 Layer 1/2 audio

AUDIO BIT RATE:

MPEG4 64/ 128/ 192/ 256/ 320/
384 Kbps

MPEG2 192/ 256/ 320/ 384 Kbps

SAMPLING : 48KHz

CONTROL

FRONT PANEL :

Configuration and Alarm messages,
2x20 LCD display and keypad

NETWORK MANAGEMENT:

Head-end management software to fully
control the unit and detect the alarm
remotely

PHYSICAL AND POWER

DUAL INPUT POWER:

90~260VAC with auto switch (1 main, 1
backup.)

WEIGHT : App. 4 Kg

DIMENSION :

48.3 cm (W) x 35.5 cm (D) x 4.3 cm (H)

POWER CONSUMPTION : 35 W

OPERATING TEMP : 0°C to +45°C

STORAGE TEMP :

-10°C to +70°C

Humidity : 0 to 95%, non-condensing