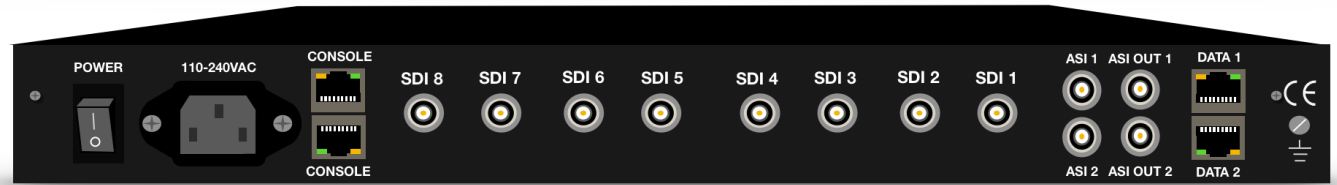
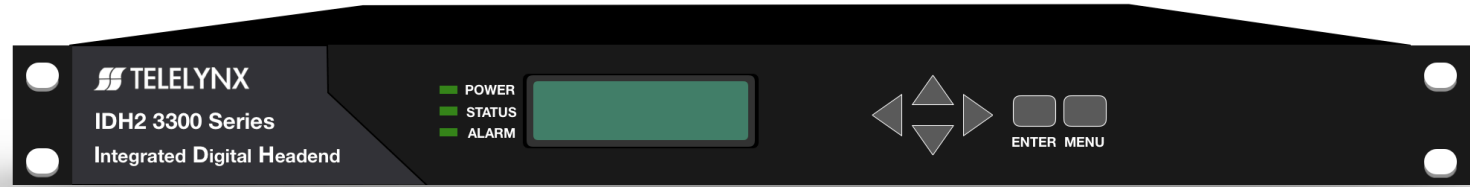




MULTI CHANNEL LOW BIT-RATE

H.264 SD ENCODERS

WITH IP AND ASI
OUTPUTS IN 1RU



DVB T2 S2 C **IP** **ASI** **↔** **IP**

MODEL IDH2-3300

Model IDH2–3300 Series

Telelynx introduces a new model of low-bit rate MPGE–4 AVC / MPEG–2 standard definition (SD) encoder for digital TV distribution in broadcasting, cable TV, satellite TV and media streaming. IDH2–3300 series of encoder feature a high density and flexible configuration, and can be made to provide four channels (Model IDH2–3304) or eight channels (Model IDH2–3308) of analog or digital audio/video input of MPEG–2 & MPEG–4 AVC SD video encoding and MPEG–1 Layer II/AAC–LC (optional) audio encoding.

This product supports both and DVB–ASI and TS–over–IP outputs. It also offers Web and SNMP management for convenient local and remote management and maintenance.

MAIN FEATURES

Support 4 chs (Model IDH2–3304) or 8 channels (Model IDH2–3308) of MPEG–2/MPEG–4 AVC SD encoding in 1U chassis	Support PAL and NTSC High picture quality in low bit rate Support VBR/CBR video encoding	Support audio encoding of MPEG–1 Layer 2 (default) and AAC–LC (optional)
MPEG–1 Layer II or AAC–LC (license option) audio encoding	Support analog composite video and audio pairs inputs or SDI inputs with embedded audio.	Support TS multiplex with auto-generated PSI/SI
MPEG–2 video encoding rate can range from 0.5 to 5.5Mbps	Support MPTS/SPTS mode of MPEG TS–over–IP output (UDP/RTP).	Front panel control and LCD display
MPEG–4 AVC video encoding rate can range from 0.25Mbps to 5.5Mbps	Support dual DVB–ASI inputs and outputs	Web browser GUI and SNMP interface for remote management and control

SPECIFICATIONS

INPUT&OUTPUT

COMPOSITE VIDEO:

4 or 8 x CVBS BNC female

UNBALANCED AUDIO:

4 or 8 x Stereo pairs (R&L) BNC female

SDI(OPTION):

8 * SD-SDI, BNC

ASI INPUT :

2 x ASI Inputs

ASI OUTPUT :

2 x ASI outputs

IP OUTPUT:

1 x 100/1000 Base-T Ethernet (RJ-45)

NETWORK MANAGEMENT:

1 x 10/100 Base-T Ethernet (RJ-45)

AUDIO ENCODING

ENCODING STANDARDS:

MPEG-1 Layer 2 (default)

AAC-LC (optional)

OPERATION MODE:

Stereo or Mono

AUDIO ENCODING (CONT'D)

SAMPLE RATE:

32 kHz, 44.1 kHz, 48 kHz

VOLUME CONTROL:

-63dB to +20dB

AUDIO ENCODING RATE:

• MPEG-1 LAYER II:

192/224/256/320 /384 kbps

• OPTIONAL AAC:

96/112/128/160/192/ 224/256/320 kbps

PHYSICAL AND POWER

INPUT POWER :

110 – 240 VAC, 50/60Hz

POWER CONSUMPTION: Max. 30W

OPERATING TEMPERATURE: 0°C to 45°C

STORAGE TEMPERATURE: -20 to 80°C

OPERATING HUMIDITY:

90%, non-condensing

DIMENSIONS:

483mm x 44.5mm x 400mm(W x H x D)

NET WEIGHT: Approx. 5 Kg (11 lbs)

VIDEO ENCODING

ENCODING FORMATS:

• MPEG-2: MP@ML

• MPEG-4 AVC: MP@L3

RESOLUTION AND FRAME RATE:

576i, 480i

ASPECT RATIO:

4:3, 16:9

VIDEO CONTROL:

Brightness, Contrast, Chrominance and Hue

VIDEO ENCODING RATE:

• MPEG-2:

0.5 to 5.5Mbps per channel

• MPEG-4 AVC:

0.25 to 5.5Mbps per channel

MISCELLANEOUS

FRONT PANEL:

3.5" LCD with 6 x Control Button for 2-lines information display and settings
3 x Dual color LED, for status indications of power, functioning and Alarm