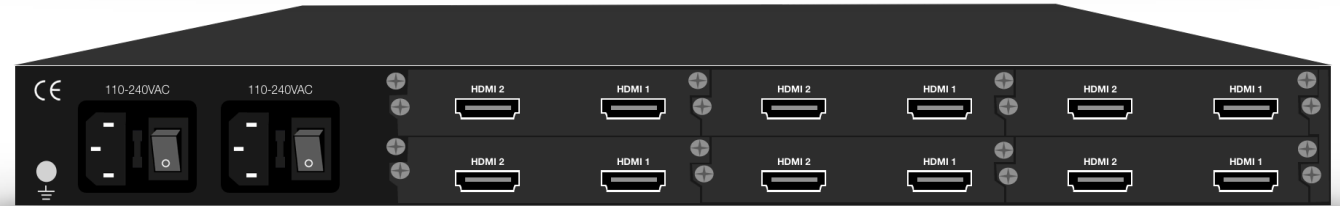
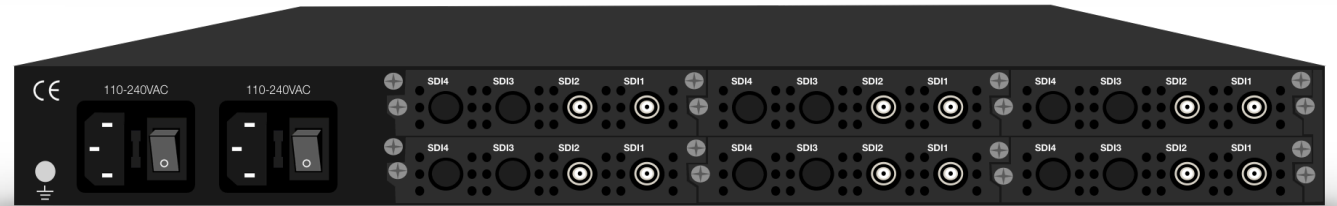
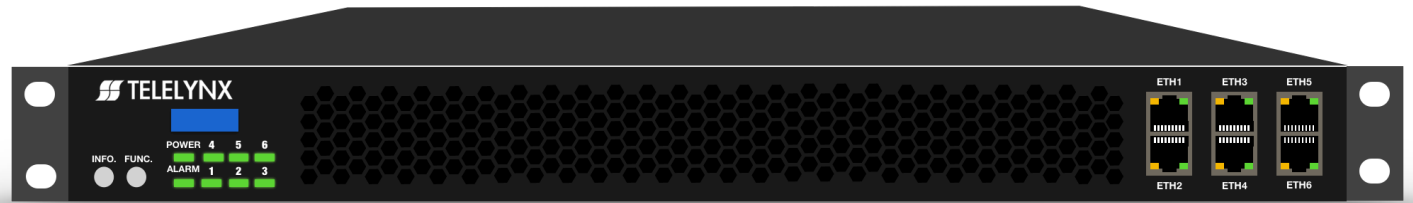




MULTI CHANN

H.265 HD ENCODERS

MULTI-CHANNEL
REAL TIME
ENCODER WITH
MULTIPLEXER



DVBT2 S2C **HDMI** **H.265 HEVC**

MODEL IDH2 3800

IDH2 3800 series of encoder features a high density to allow for six encoding modules, where each module has two SD/ HD encoding channels, to make up to eight (IDH2–3808) and a maximum of twelve channels (IDH2–3812) of H.265/HEVC encoding. It supports either HDMI input(SDI option), PSI/SI processing, multiplexing and re–multiplexing outputs over DVB–ASI and IP.

This encoder also supports Web browser and SNMP management for local and remote management and maintenance.supports dual power supply.

FEATURE

1RU modular design, supporting up to six pluggable encoding modules	MPEG–1 Layer II audio encoding	Up to 10Mbps of video encoding rate for each channel
Supports dual power supplies	MPEG TS re–multiplexing, PCR and PSI/SI processing	Supported video encoding resolutions: 1080P, 720P, 480P, 576P
Supports up to 12 encoding channel in 1RU	MPEG TS–over–UDP/RTP output, supporting SPTS mode	Web management for remote management and maintenance
Supports either HDMI input or SDI input options	Supports VBR/CBR video encoding	

SPECIFICATIONS

INPUT

HDMI INPUT(OPTION):

Up to 12*HDMI 1.3 with S/P DIF (IEC90658)
Type A receptacle

SDI INPUT(OPTION):

Up to 12 x SDI Input ,BNC-Female
SMPTE 24M,SMPTE 292, SMPTE 259M-C

MODULE:

2*HDMI or SDI Input per Module
up to 6 slots of pluggable encoding modules

OUTPUT

INTERFACE:

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

MPEG TS FORMAT:

7 x 188Byte

IP ENCAPSULATION:

MPEG TS-over-UDP/RTP

MPEG TS MODE:

SPTS

ADDRESSING:

Unicast, Multicast (IGMPv1, v2, v3)

VIDEO ENCODING

ENCODING FORMATS:

H.264(AVC) , H.265(HEVC)
HD 1920 x 1080p@60/59.94/50fps
1280 x 720p @ 60/59.94/50fps
1920*1080/1280*720/720*480/720*576

ENCODING RATE MODE:

CBR, VBR

VIDEO ENCODING RATE:

1 to 10Mbps per program

AUDIO ENCODING

ENCODING STANDARDS :

MPEG-1 Layer 2

OPERATION MODE :

Stereo

SAMPLE RATE :

48 kHz

AUDIO ENCODING RATE :

MPEG-1 Layer II:
64/96/128/192/256/384 kbps

NETWORK MANAGEMENT

INTERFACE :

1 x 10/100 Base-T Ethernet

MANAGEMENT :

Web management

PHYSICAL AND POWER

POWER SUPPLY:

110-240 VAC, 50/60Hz \leq 75W ,dual power supply

OPERATING TEMPERATURE:

5°C to 45°C (41°F to 113°F)

STORAGE TEMPERATURE:

-30 to 70°C (-22°F to 158°F)

PRODUCT DIMENSIONS (W X H X D):

483mm x 44.5mm x 450mm
19'' x 1.73'' (1 RU) x 17.7''

PRODUCT WEIGHT:

Approx. 6Kg (13.2 lbs)

