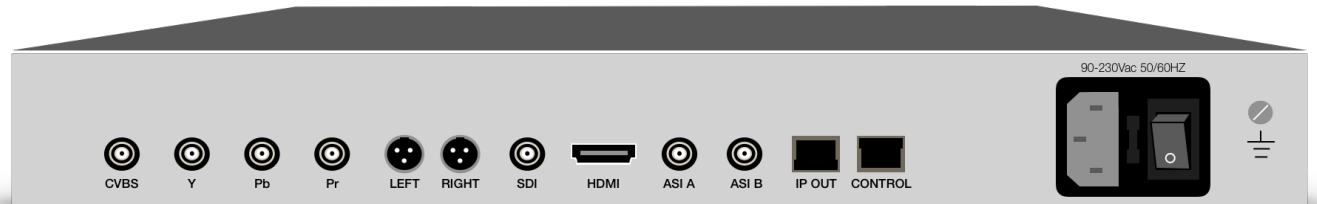
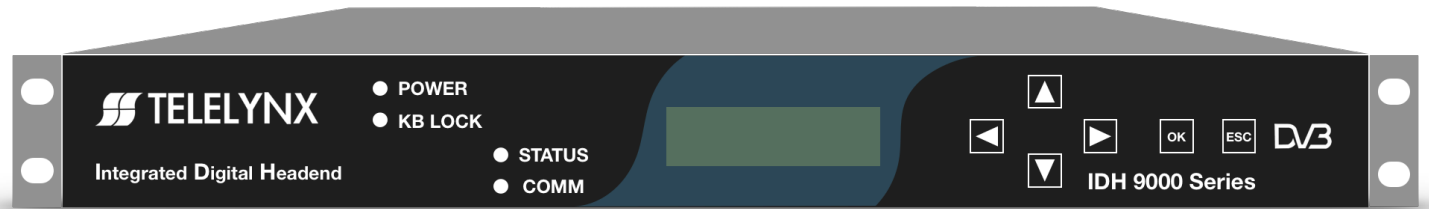




HIGH DEFINITION DVB Series

ENCODER
H.264



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

MODEL IDH 9001

IDH 9001 is a reliable, low cost , high performance and compact digital headend – IDH-9001HE. This device supports both HD (with full 1080P60/50 capability) and SD H.264 encoding with auto detection capability. It offers both DVB-ASI and 1 GigE IP outputs, and takes inputs of HDMI, SDI/ HD-SDI/ 3G-SDI, YPbPr, and CVBS with superior flexibility for a variety of broadcasting and IPTV applications. This device can support POR-MPEG FEC encoding to enhance the fault tolerance of transmission. Regardless of your distribution system – cable, satellite, terrestrial, MMDS or IPTV, the IDH-9001HE is designed to provide the power and unparalleled quality for service providers.

MAIN FEATURES

Size: 1 rack unit	Support HDTV format SMPTE-274M/ SMPTE-296M-2001, ITU-R BT.656	Support Dolby Digital* (AC-3) pass through and closed caption pass through
Front panel control: System parameter setting and alarm message 2 x 20 display, 4 LED, 6-Key buttons	Support 1 GigE IP output (UDP/RTP protocol) as well as ASI output	Compatible with IGMPv1, v2 and v3
Rear panel: CVBS and RCA input x1, YPbPr input x1, ASI x2, RJ-45 port x2 output, SDI/ HD-SDI/ 3G-SDI input x1, HDMI input x1	Support IP unicast and multicast	Support Pro-MPEG FEC
Network management: with management software for setting and management of each element of the integrated headend through Ethernet	Support SI(SDT) and Edit function	Resolution up to 1920 x 1080 x 60p/50p

SPECIFICATIONS

INPUT

VIDEO:

CVBS, PbPr, SDI/3G-SDI, HDMI

AUDIO:

RCA, SDI embedded audio
HDMI embedded audio

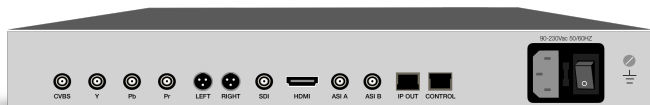
OUTPUT

ASI: TS, 2 ports, BNC

IP: TS OVER IP, 100M Ethernet, RJ45 x 1
Protocol:UDP/RTP, SPTS, unicast/multicast

MANAGEMENT PORT

10/100M Ethernet



VIDEO CODING

SPEC:

H.264 High Profile / Level 4.0
(Level 4.2 only for 1080p)

RESOLUTION:

1920x1080x60p/50p,
1920x1080x60i/50i,
1440x1080x60i/50i,
1280x720x60p/50p,
720x480x60i, 720x576x50i

BIT RATE: 20Mbps Max. per channel

AUDIO CODING

SPEC:

MPEG-1 Layer II, MPEG-2 AAC (option).

SAMPLING : 48KHz

AC-3 pass through (Not Native Encoding)

CHANNEL : 2 Channels

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

SNMP (option)

PHYSICAL AND POWER

DUAL INPUT POWER:

90~260VAC with auto switch

WEIGHT : App. 2.5 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