



DIGITAL HD CHANNEL PROCESSING EQUIPMENT



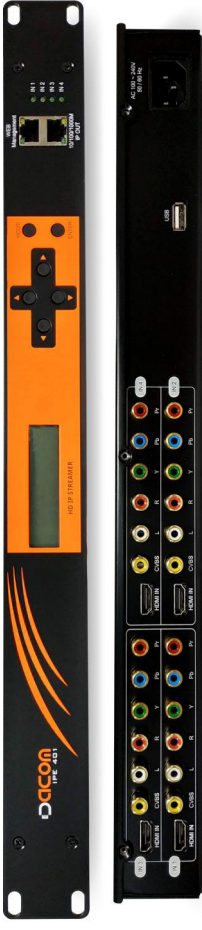
IPE 101

Single Channel IP Encoder



IPE 401

4 Channels IP Encoder



HDMI TO IP ENCODER

A professional Full HD IP Streamer with 4 HDMI inputs, it allow the user to stream any one audio/video source over a IP Network to Smart HDTV's or set top box within the IP Network.

The IP Streamer accepts a HDMI, Component, or Composite video input and the unit is designed to deliver a rich HD/SD Streaming experience for its users deploying MPEG-2 or H.264 standards.

Full HD
1080

INPUT

- ✔ Input Interface
 - IPE 101** | 1 x HDMI
 - IPE 401** | 4 x HDMI
 - 1 x YPbPr
 - 4 x YPbPr
 - 1 x CVBS
 - 4 x CVBS
- ✔ Input Resolution
 - HD 1080P 25/30, 1080i 50/60 Max;
 - YPbPr 1080i, 720P, 576i/P;
 - CVBS NTSC, PAL

OUTPUT

- ✔ Ethernet x 2
 - Port 1: Web Management
 - Port 2: IP Out, 10/100/1000M
- ✔ Streaming Protocols
 - DLNA, UDP / RTP, Multicasting & Unicasting

H.264 ENCODER

- ✔ Video Format
 - HD H.264 AVC/HP@L4.0; SD MPEG-2/MP@ML
- ✔ Audio Format
 - MPEG-2 / AAC
- ✔ Resolution
 - HD 1080P25,1080P30 Max; SD 480i, 576i
- ✔ Video Bit Rate
 - H.264 12 Mbps MAX, MPEG-2 8 Mbps MAX
- ✔ Audio Bit Rate and Sample Rate
 - 384Kbps / 48KHz
- ✔ Configurable Parameters
 - Service Name, Service ID, Video PID, Audio PID, PMT PID, PCR PID

OTHER

- ✔ USB Input
 - USB 2.0 update firmware
- ✔ Power Supply
 - AC 100~240V 50/60Hz
- ✔ Display
 - LCD panel @ 2x 16 characters
- ✔ Dimension
 - 225mm x 160mm x 45mm
- ✔ Environmental for Operating
 - Relative Humidity: 80% @ 30°C