

## Datasheet : H-8ASI-MUX



### 8 Ch DVB ASI Multiplexer

**H-8ASI-MUX IP** Multiplexer is Thor's latest multiplexing device for digital TV broadcasting head-end systems with TS output through 2 x 4 bi-directional ASI and 3 bi-directional IP ports. It can multiplex up to 4 ASI and 513 IP inputs to 5 MPTS, and the amount of ASI output should be based on the ASI input (the ASI port can be used as input or output). The **H-8ASI-MUX IP** multiplexer has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering, and PCR adjusting. In conclusion, its high integration and cost-effective design make this device widely used in the CATV Broadcasting system.

**H-8ASI-MUX 8 Channel DVB-ASI Multiplexer**



**H-4ASI-MUX 4 Channel DVB-ASI Multiplexer**



### Features:

One or Two 4 ASI in/out: max 4 ASI input/output thru 4 bi-direction ASI ports (ASI direction can be defined as input or output manually)

- IP input: 513 IP in over UDP/RTP (256×2 IP in thru GE1 and GE2, 1 IP i thru Data port)
- IP output: 5 IP (MPTS) out over UDP/RTP (4 MPTS out thru GE1 and GE2, MPTS out thru Data port)
- Support all input programs output bypass
- Support accurate PCR adjusting, PID filtering, re-mapping and PSI/SI rebuilding and editing
- Huge buffer memory for saving the overflowing code stream
- Web-based NMS management

## Model Selection:

- **H-8ASI-MUX** - is a universal ASI IP multiplexer and gateway that allows for seamless conversion between ASI to IP and IP to ASI. It features 8 programmable ASI inputs or outputs, with IP input /and Output capability.
- **H-4ASI-MUX** - is a universal ASI IP multiplexer and gateway that allows for seamless conversion between ASI to IP and IP to ASI. It features 4 programmable ASI inputs or outputs, with IP input /and Output capability.

## Specifications:

<b>Input / Output</b>	<p>Unit can contains up to 4 Individual cards</p> <p>Each card has</p> <p>4 bi-direction ASI ports: max 4 ASI input/output, BNC 75?</p> <p>3 bi-direction Data ports (RJ45):</p> <p>513 IP input over UDP/RTP (256x2 IP in thruGE1 and GE2, 1 IP in thru Data port)</p> <p>5 IP (MPTS) output over UDP/RTP (4 MPTS out thru GE1 and GE2, 1 MPTS out thru Data port)</p> <p>100/1000Mbps self-adaption</p> <p>Packet format 204/188 self-adaption</p>
<b>Ports</b>	2x 4 ASI Inputs /Outputs ports (Maximum 216Mbps/Route)
<b>Re-Multiplexing</b>	<p>Max PIDs - 512 output per channel</p> <p>Functions: PID re-mapping, PCR accurate adjusting, Automatic generating PSI/SI table</p> <p>PID transparent - Any PID transparent and mapping achievable</p>
<b>Output Interface</b>	
<b>Ethernet Port</b>	10/100/1000 Mbps NMS Ethernet Port
<b>Weight</b>	8lb
<b>Dimensions</b>	44mm x 482mm x 360mm
<b>Environment</b>	0 - 45 C (operation) -20 - 80 C (Storage)
<b>Power</b>	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz , 50Hz, 40W
*All Specifications Subject to Change Without Notice	

Drawings :

# Up to 8 ASI Multiplexer Application drawing

Up to 8 MPEG2 Encoders or Different ASI sources

