

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 autogeneration 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:

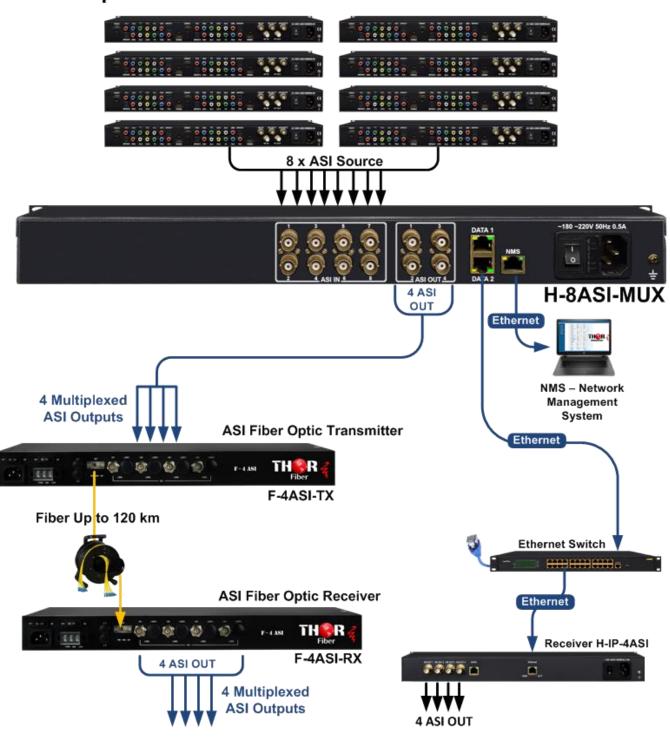
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	Unit can contains up to 4 Individual cards
	Each card has
	4 bi-direction ASI ports: max 4 ASI input/output, BNC 75?
Input / Output	3 bi-direction Data ports (RJ45): 513 IP input over UDP/RTP (256×2 IP in thruGE1 and GE2, 1 IP in
	thru Data port)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

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Up to 8 ASI Multiplexer Aplication drawing

Up to 8 MPEG2 Encoders or Different ASI sources



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