

- 8 ASI inputs, 1 IP input
- 2 independent multiplexers
- 2 ASI multiplexed outputs
- 2 IP multiplexed outputs
- 8 IP outputs (ASI-to-IP)

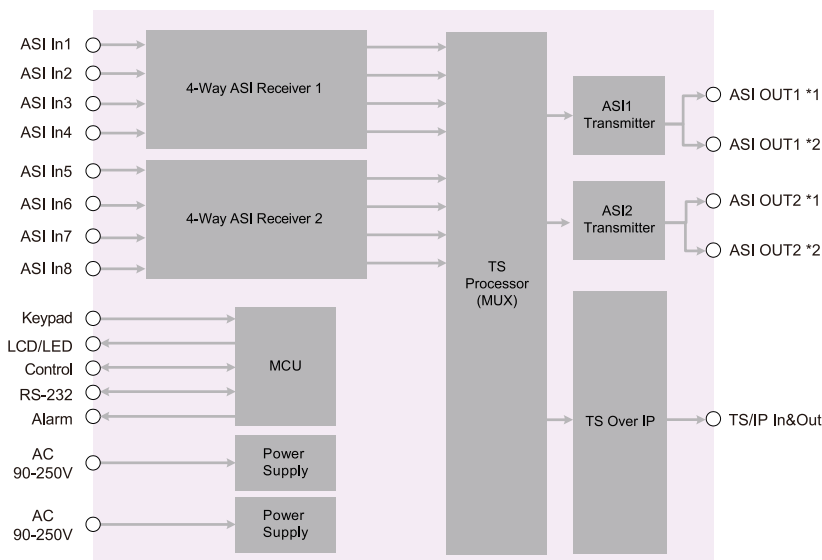


### Main Features

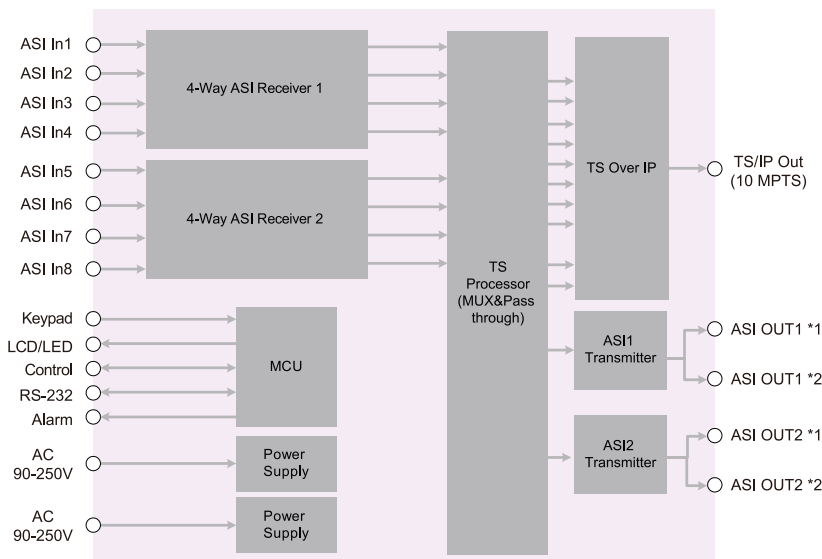
- Fully compliant with ISO13818 and EN300 468 standard
- Dual MPEG2/H.264 transport stream remultiplexing unit
- 8\*ASI inputs, up to 216Mbps for each interface
- 2\*ASI independent outputs with backup, up to 216Mbps for each interface
- GbE interface up to 700Mbps(multi-channel output) or 80Mbps(full duplex)
- Remultiplexing up to 256 services
- Advanced management of PSI/SI tables, service filtering and remapping
- EIT bypass or re-generate
- Web and SNMP control and monitoring
- Compact 1RU chassis with dual hot-swap power supplies

ADV-3820MX is a professional broadcast DVB-TS Multiplexer with dual independent multiplexing unit. It can re-multiplex a large number of transport streams received over ASI and GbE interface and delivered via GbE interface and 2 independent ASI output ports. Remultiplexing up to 256 services with advanced management of PSI/SI tables, service filtering and remapping.

Functional Block Diagram (Full Duplex Mode)



Functional Block Diagram (Multi Channel Mode)



### Back Panel Interface



### Specification

<b>ASI Input</b>	
Connector Type	8×BNC female, 75Ω
Standard	DVB-ASI, EN50083-9
Input Bit Rate	≤216Mb/s
<b>TS over IP</b>	
Connector Type	1×RJ-45, 100/1000 Base-T
Protocol	UDP/RTP, Multicast/Unicast, IGMP V2, V3
TS/IP Number	1 MPTS or SPTS (Full Duplex Mode); 10 MPTS (Multi-Channel Mode)
Max. Bit Rate	80Mb/s (Full Duplex Mode); 700Mb/s (Multi-Channel Mode)
<b>TS Processing</b>	
Max. Input Bit Rate	8×216Mb/s
Max. Output Bit Rate	2×180Mb/s
Package Length	188/204
Re-multiplexing	PSI auto generation Service and PID filtering and re-mapping NIT insertion and LCN edition EIT Processing
<b>ASI output Monitoring</b>	
Connector Type	2×BNC female, 75Ω
Standard	DVB-ASI, EN50083-9
Function	remux of 8 ASI inputs
Output Bit Rate	≤216Mb/s
<b>Control &amp; Monitoring</b>	
Connector Type	1×RJ-45, 10/100 Base-T, for equipment IP Control
Control	Front panel, Web and SNMP
Software Upgrade	FTP Loader ,Telnet , USB and Web
<b>Physical</b>	
Power Supply	AC90~260V 50~60Hz
Power Consumption	50W
Temperature	Storage -10 to 60°C; Operation 0 to 45°C
Net Weight	7kg
Dimensions	482mm×504mm×44mm
Operating Humidity	10 to 90%, non-condensed
<b>Front Panel</b>	
Display	2×20 LCD Display