

TELESTE IP Multiplexer

IP MULTIPLEXER MODULE FOR LUMINATO PLATFORM



Compact architecture compatible with the Luminato chassis Single EPG module can serve EPG data to all multiplexes of a headend Full featured EPG functionality (present/following and a schedule for actual and other) Storage database for EPG information to guarantee uninterrupted service Utilises several EPG information sources (DVB stream, EPG data files, internet services providing EPG information and Teleste Broadcast Manager) Generates user defined EIT output profiles Multi language EIT support with priority setting Support for numerous character tables Advanced tuning of event information repetition rates.

- DVB TS over UDP/IP or RTP/UDP/IP reception
- IP address/UDP port selector for input streams
- Network dejittering
- Support CBR and VBR TS
- Advanced transport stream processing
- Supports SPTS and MPTS multiplexing
- PCR processing
- Automatic PSI/SI table generation
- Custom PSI/SI table creation and streaming
- MPEG transport stream over UDP/IP and RTP/UDP/IP streaming
- MPTS passthrough
- Multiplex IP streaming (VBR or CBR)
- DVB CSA and AES content protection

IP INPUTS		Max TS speed per streamer	210 Mbits/s
Frame formats	UDP/IP, RTP/UDP/IP		194 Mbits/s
TS packets per UDP frame	1...7		128 Mbits/s
Max inputs streams per module	120		96 Mbits/s
Dejittering buffersize	200 ms	GENERAL	
MULTIPLEXERS		Power consumption	6.5 W
Number of multiplexer per module	4	Supply voltages	24 V
Max input services per multiplexer	120	Dimensions (h x w x d)	20 x 109 x 253 mm
Max components per service	32	Weight	0.3 kg
DVB COMMON SCRAMBLING ALGORITHM AND AES CONTENT PROTECTION		Enclosure classification	IP21
Max scrambled services per module	120	Operating temperature range	-10...+55 °C
IP STREAMER OUTPUT		Specification is met	-30...+70 °C
Framing format	UDP/IP, RTP/UDP/IP		
Traffic type	unicast or multicast		
TS format	VBR, CBR		

