

QPSK/COFDM transmodulator with IP output

The GTS-11240 is the new GD Service device to stream over an IP port contents acquired from two satellite inputs, to be received from any multimedial device connected by cable to the LAN network. Moreover, two CAM modules can be associated to the inputs to decode encrypted channels.



Multicast stream: the device generates a single stream with a special destination (multicast address), which is recognized by network switches and routed only to the nodes claiming it. This kind of transmission is band-width constant (independent from the number of receivers) and overload risk-free, not being a broadcast transmission (stream is relayed only to interested nodes in the network). Multicast address and communication port can be set using the configuration tool.

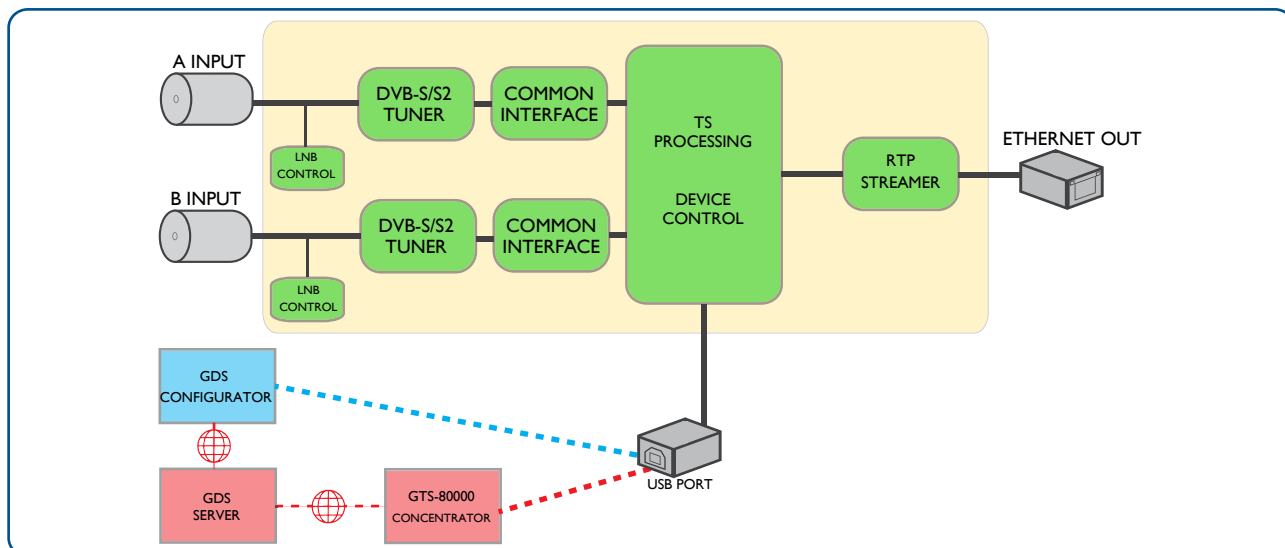
RTP standard and compatibility: services acquired from two satellite inputs are encapsulated in a RTP stream, compatible with most video-player software. Original SID and PID values are kept, to allow service (including audio) selection in the received stream.

Easy programming: all connection parameters can be easily set using the GDS Configurator tool, which can also be used for input tuning, service selection and every other option available for GTS Series modules.

Password protection and settings export: system configuration can be exported for backup and to replicate configuration on several modules; configuration access can be protected by a password.

Remote access: monitoring, configuring and rebooting can be accomplished through Internet network, using the special GTS-80000 device.

Modular system: the GTS-11240 is compatible with all GTS Series products, to easily expand a GTS CATV headend with IP streaming capability.



INPUTS	
Number of inputs	2
Common Interface (CI)	2
Input frequency	950÷2150 MHz
Input level	42÷82 dBuV
Symbol rate	1÷45 Ms/s
Modulation	QPSK / 8-PSK
Telepowering	0/13V/18V - 350 mA (short-circuit protection, 0/22 kHz tone or Diseqc 1.0)
OUTPUTS	
Number of outputs	1
Video protocol	Transport Stream
Transmission protocol	Real Time Transport Protocol (RTP)
Connection protocol	IP multicast
Data-rate (data and header)	100 Mbit/s max, software selected
OTHER SPECIFICATIONS	
Connections	RF input: female type-F; management: USB type-B; output: RJ-45
Power	24 Vdc
Power consumption	12 W + LNB
Operative range	0÷40 °C
Dimensions	53x226x155 mm

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