



GMS-8S2FTA

All-in-one headend - 8 IN - 4 OUT - FTA

GMS series is the all-in-one and innovative solution to distribute an high number of services, thanks to 8 QPSK FTA inputs and 4 COFDM output channels.

Remultiplexing: any service originated from any input channel can be assigned to any output channel; once the first output channel frequency is set, the other 3 output channel frequencies can be chosen among the seven adjacent values to the first frequency.

PID filtering: it is possible to select for each service only the desired PIDs to be forwarded to the output.

Hotel mode: LCN, PID, TSID and NIT values in the output channel can be fixed independently from the selected input services.

Easy programming: fast programming with no software installation, using the Ethernet interface and the integrated web-server.



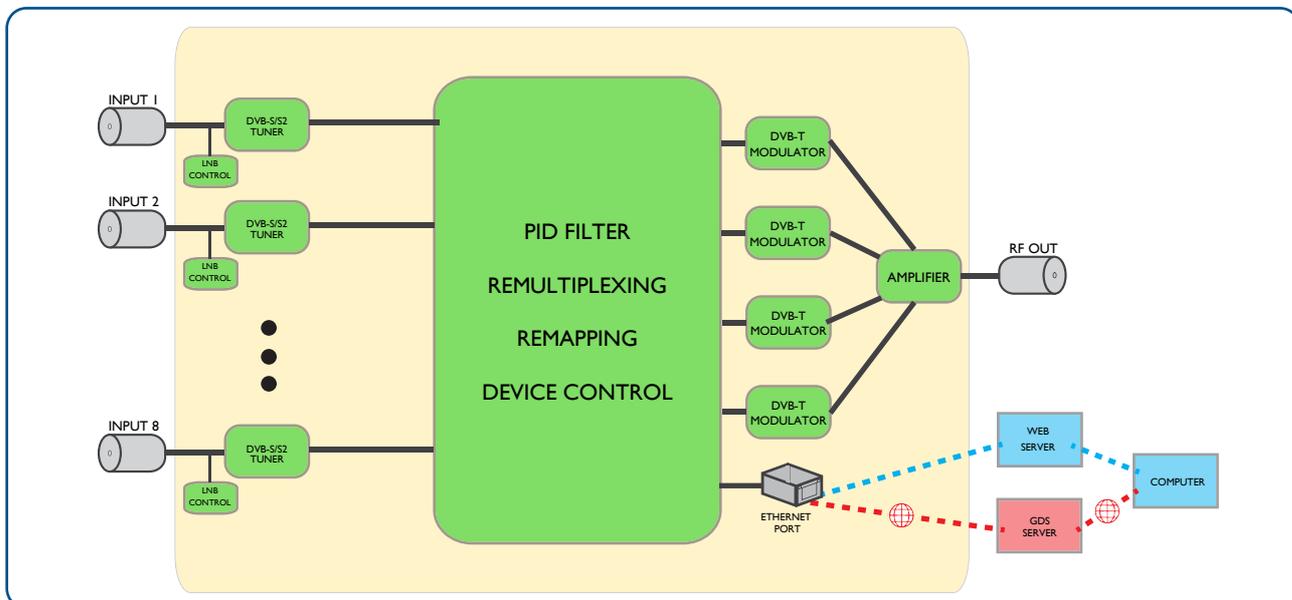
Remote access: the GMS headend is continuously connected to a GD Service server; the user can connect to the same server and remotely control the headend through its integrated web-server interface; this kind of indirect connection simplifies the network setup.

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

Logger: all connection events are stored.

Installation report: the user can generate a text file reporting the adopted configuration, which can be used as installation report for the customer.

Performance and reliability: GMS Series headends boast 42+ dB MER and the high reliability granted by our brand.



INPUTS	DVB-S/S2
Number of inputs	8
Common Interface (CI)	N/A
Input frequency	950÷2150 MHz
Input level	42÷82 dBuV
Symbol rate/bandwidth	1÷45 Ms/s
Modulation	QPSK / 8-PSK
Telepowering	0/13V/18V - 350 mA (c.c. protection) 0/22 kHz tone or Diseqc 1.0

OUTPUTS	DVB-T
Number of outputs	1
Frequency range	177.5÷858 MHz
Number of channels	4 channels chosen between 8 adjacent (range 64 MHz)
Channel bandwidth	7 MHz (VHF) / 8 MHz (UHF)
FFT	2k
Constellation	QPSK / 16-QAM / 64-QAM
FEC	1/2; 2/3; 3/4; 5/6; 7/8
Guard	1/4; 1/8; 1/16; 1/32
MER	> 42 dB (typical: 44 dB)
Spectrum inversion	standard
Output level	80÷100 dBuV

OTHER SPECIFICATIONS	
Connections	RF I/O: female type-F; management: RJ45
Power	12 Vdc with included power supply (100÷240 Vac)
Power consumption	20 W (+ LNB where applicable)
Operating range	0÷40 °C
Dimensions	310x250x50 mm

Contact us

Want to know our products?

Want a quote and get our special offers?

Need help to create the solution that fits your ideal installation?

Visit our website:

www.gds-italy.com

Or send an e-mail:

info@gds-italy.com

Hope to hear from you soon!

GD Service srl
Registered office: Via Gretaglia snc - 55025 Ghivizzano (LU) - Italy

All contents, including text and images, cannot be copied, extracted or shared without explicit authorization of GD service srl.

All technical data declared may be subject to change without notice.

DVB is a registered trademark of the DVB Project.

