



# 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.



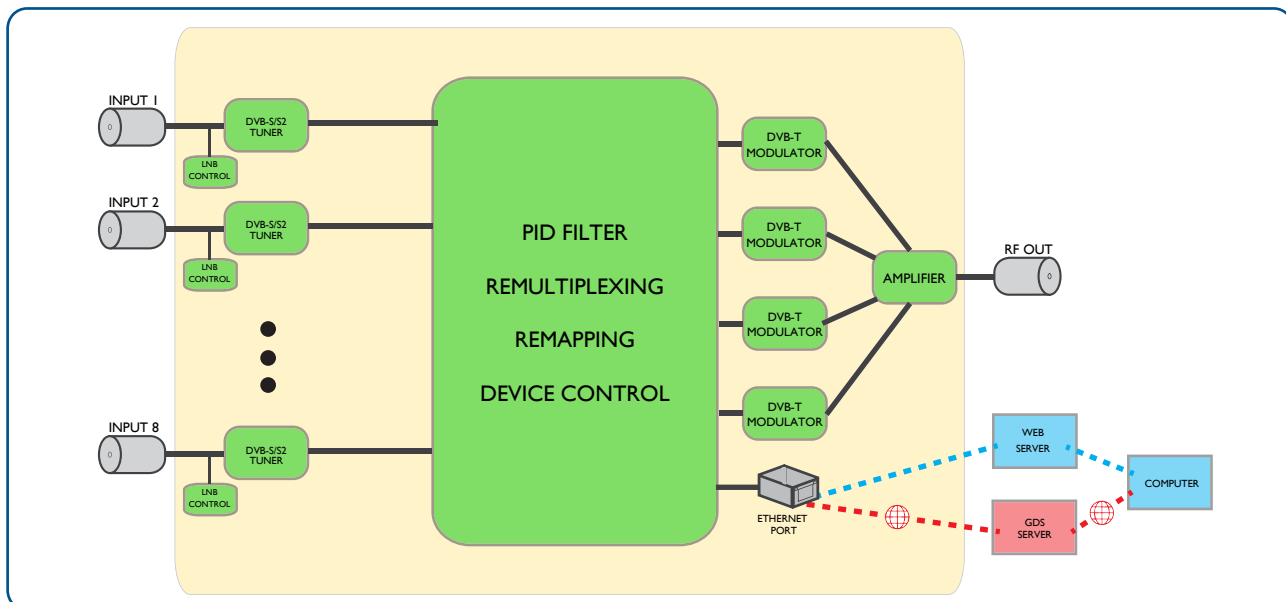
**Remote access:** the GMS headend is continuously connected to a GD Service server; the user can connect to the same server and remotely control the headend through its integrated web-server interface; this kind of indirect connection simplifies the network setup.

**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](http://www.gds-italy.com)**

Or send an e-mail:  
**[info@gds-italy.com](mailto:info@gds-italy.com)**

*Hope to hear from you soon!*

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

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