

3DG-8S-8T

Modular



The 3DG-8S-8T is a DVB-S/S2 to DVB-T transmodulator that can receive **8 independent transponders** from 4 different satellite inputs, transmodulating the desired HD or SD video streams onto **8 DVB-T multiplexes** and **decrypting them using Professional CAMs**. The selected streams can also be shared via the "Smart & Pool" back-panel with other modules interconnected within the headend.

Technical Chars

- Multi-input, 4 independent SAT inputs equipped with **8 tuners (DVB-S/S2)**, a "USB input" for external content management, and back-panel Input/Output.
- **8 DVB-T output multiplexers** consisting of 2 frequency-adjacent quartets.
- **FlexCAM Mode** Programs originating from any SAT input can be routed to the same CAM.
- **"Smart & Pool" functionality** for flexible content management: the new generation of 3DG-EVO modules utilizes a high-speed bidirectional back-panel.

3DG-8S-8T		
Code		283169
Input		
Inputs		4 (8 Tuners)
Input level	dBμV	50-90
Demodulators		DVB-S2 (8-PSK, QPSK), DVB-S (QPSK)
Input frequency	MHz	950-2150
Input tuning step	kHz	1000
Input AFC	MHz	±5
Symbol rate	Mbps	2-45
FEC		1/2, 2/3, 3/4, 5/6, 7/8, AUTO
Remote feeding		700mA max @18V
LNB controls		DiSEqC 1.0, SCR/SCD1 (EN 50494), dCSS/SCD2 (EN 50607)

Outputs		
Multiplexes created		4 (2 quartet of adjacent digital multiplexers)
Output channels		S2-E69
Output frequency	MHz	111-862
Output tuning step	kHz	250
Max output level	dB μ V	95
Gain adjustment	dB	0 - 20
Flatness	dB	± 1.5
MER RF	dB	35
Spurious rejection	dB	<-50
Spectrum		Normal, inverted
Operating method		Normal, single carrier
Back panel		
Output type TS		Serial
TS outputs		48 pins on Back Panel
TS max bitrate	Mbps	1,000 (bi-directional)
DVB-T Modulation		
DVB-T band	MHZ	6,7,8
Modulation		QPSK, 16-QAM, 64-QAM
FEC DVB-T		1/2, 2/3, 3/4, 5/6, 7/8
Carriers		2k
Guard interval modulation		1/4, 1/8, 1/16, 1/32
Specifications		
Connectors		SW update and video playback (type A, FAT32 filesystem, .TS file playback)
Management mode		Web interface, keyboard and front display
Current consumption	W	29, con telealimentazione 45
Common interface		2 x PCMCIA (Standard EN50221, TS10169) Flex CAM or Standard Mode
Operating temperature	°C	-10 to 45
Conformity		EN50083-2:2012/A1:2015
Dimensions and packaging		
Pieces		1
EAN code		8016978111091
Packaging dimensions	mm	305 x 220 x 88
Product dimensions	mm	246 x 209 x 53
Single gross weight	kg	1.154