FRACARRO

3DG-4ASI-4T

Modular

The **ASI module** belongs to the 3DGFLEX product family, and is capable of simultaneously managing programs available on several distinct ASI sources
The module can **handle ASI streams, either from digital encoders or from external ASI sources** typically available in the control rooms of broadcasters, and flexibly choose the programs that will make up the independent output multiplexes with which the module is equipped, allowing the installer to decide which and how much content to distribute through the coaxial system.

Technical Chars

- Multi-Inputs: **4 independent ASI inputs**, "USB Input" for external content management and back-Panel Input/Output.
- 4 output DVB-T/DVB-C modulators (2 pairs of adjacent modulators) available in 3DG-4S2-4T version.
- **"Smart & Pool"** functionality for flexible content management: the new generation of 3DG-EVO modules uses high-speed bidirectional Back-Panel.
- **ARP 2.0 =** Automatic Recovery Procedure enables safeguarding higher priority programs and ensuring continuity of service when the incoming data stream exceeds that allowed by DVB-T or DVB-C standards
- **"Mux-ad-Hoc":** possibility to create your own mux at will by choosing programs from all the new generation modules inserted in the same BOX and to manage all descriptor parameters of individual programs (LCN, SID, PID, Program name...) and MUXes (ONID, TSID, NetID,...).

initial_fields		
Code		283167
Input		
Input no.		4 x BNC (2 x ASI in, 2 x ASI out)
Outputs		
Multiplexes created		4 (2 pairs of adjacent digital multiplexes)
Output		S2-E69
Output frequency	dB	111-862
Tuning step	KHz	250
Max output level	dBμV	95
Level adjustment	dB	0 to 20
Flatness	dB	±1.5
MER RF	dB	≥36
Spurious rejection	dB	<-50
Spectrum		Normal, inverted
Operating method		Normal, single carrier

IP output		
Connectors		4 x BNC (2x ASI in, 2x ASI out)
Back panel		
Output type TS		Parallel
TS outputs		48 pins on Back Panel
TS max bitrate	Mbps	1000 bidirectional
DVB-T Modulation		
Band	MHZ	6,7,8
Output		QPSK, 16-QAM, 64-QAM
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Carriers		2k, 8k
Guard interval modulation		1/4, 1/8, 1/16, 1/32
DVB-C Modulation		
Output		16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Single channel band		Related to output symbol rate
FEC		Reed Solomon (204, 188)
Symbol rate	Mbps	From 1000 to 6999
Specifications		
Connectors		SW update and video playback (type A, FAT32 filesystem, .TS file playback)
Programming mode		Web interface, keyboard and front display
Current consumption	W	17 max.
Operating temperature	°C	-10 to +50
Conformity		EN50083-2, EN60065
Dimensions and packaging		
Pieces		1
EAN code		8016978101702
Packaging dimensions	mm	305 x 223 x 85
Product dimensions	mm	245 x 208 x 54
Packaging weight	Kg	1.065