

## 3DG-4T2-4T

Modular



3DGFLEX series, transmodulation from DVB-S2/T2/C to DVB-T, modular

### Technical Chars

initial_fields		
Code		283165
Input		
Input no.		4
Input level	dB $\mu$ V	40-85
Demodulators		DVB-T2, DVB-T o DVB-C (selectable)
Input band		174-862
Channel		E5-E69
Input AFC	MHz	$\pm$ 400 (DVB-T2/T), $\pm$ 100 (DVB-C)
FEC		1/2, 2/3, 3/4, 5/6, 7/8 Reed Solomon (204, 188)
Remote feeding	mA	2 x 100 max (12V)
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	dB $\mu$ V	95
Level adjustment	dB	From 0 to 20
Flatness	dB	$\pm$ 1.5
MER RF	dB	$\geq$ 36
Spurious rejection	dB	<-50
Spectrum		Normal, inverted
Operating method		Normal, single carrier

IP output		
Connectors		4
Back panel		
Output type TS		Serial
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
Features		
Connectors		SW update and video playback (type A, FAT32 filesystem, .TS file playback)
Programming mode		Web interface, keyboard and front display
Current consumption	W	5 (senza CAM); 20 (con 2 CAM)
Common interface		2 x PCMCIA (Standard EN50221, TS10169) Flex CAM or Standard Mode
Working temperature	°C	From -10 to 50; from -10 to 45 (with CAM)
Conformity		EN50083-2, EN60065
Dimensions and packaging		
Pcs		1
EAN code		8016978100071
Packaging dimensions	mm	305x220x85
Product dimensions	mm	245x208x54
Packaging weight	Kg	1.126