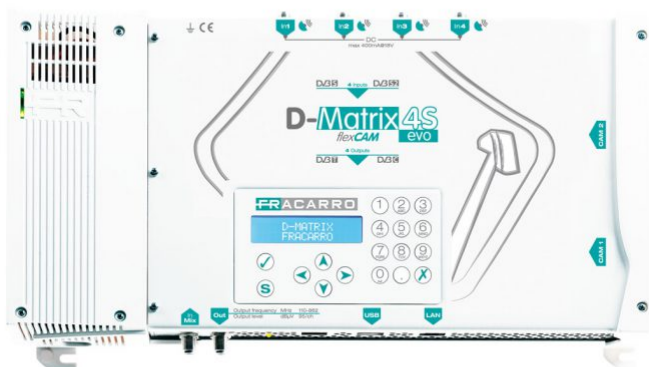


D-MATRIX-4S EVO



D-Matrix series, compact head end for transmodulation from 4 DVB-S2 transponders to 4 DVB-T multiplex, 3 flex common interfaces

		D-MATRIX-4S EVO
Code		283132
Inputs		
Input no.		4
	Demodulation	DVB-S2 (8-PSK, QPSK), DVB-S (QPSK)
	Band MHz	950-2150
	Channels	
	Channel width MHz	6,7,8
	AFC dynamics kHz	±5
	Symbol rate Msymb/sec	2-45
	FEC	1/2, 2/3, 3/4, 5/6, 7/8, AUTO
	Remote feeding mA	
	LNB controls	DiSEqC 1.0
	Carriers number	
	Level dBμV	50-80
	ASI max bitrate	
Outputs		
	Generated channels no.	4 (2 pairs of adjacent mux)

Standard	DVB-T / DVB-C
Channels range	S2-E69
Frequency MHz	111-862
Tuning step kHz	250
Level dB μ V	95
Level adjustment dB	0-20
Flatness in band	± 1.5
MER dB	≥ 36
Spurious rejection dB	< -50
Spectrum	Normal, inverted
Mode of operation	Normal, single carrier

DVB-T

Modulation

Modulation	QPSK, 16-QAM, 64-QAM
Band of each channel MHz	
Carriers number	2k, 8k
Guard interval	1/4, 1/8, 1/16, 1/32
FEC	1/2, 2/3, 3/4, 5/6, 7/8

DVB-C

Modulation

Modulation	16QAM, 32 QAM, 64QAM, 128QAM, 256QAM
Band of each channel MHz	Related to the output symbol rate
FEC	Reed Solomon (204, 188)
Symbol rate Msymb/sec	1000-6999

Features

USB	
Programming mode	Web interface, keyboard and display
Power supply voltage V, Hz	
Consumption W	42 (with 2 CAMs)
Common interface	2 x PCMCIA (Standard EN50221, TS10169) Flex CAM or Standard Mode
Dimensions mm	360x230x54 (without CAM) - 385x230x54 (with CAM)
Operating temperature C $^{\circ}$	-5 \div +55 (without CAM)