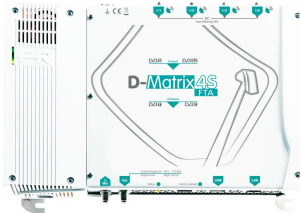


D-MATRIX 4S FTA

Compact



The new **D-Matrix-4S FTA** power plant, which joins to the family of compact control panels is ideal for receiving and remodulating Free To Air.

D-Matrix-4S FTA makes it possible to receive from 4 different independent satellite transponders the HD or SD free desired and to remodulate them to output in the 4 available digital multiplexes (COFDM or QAM) across the entire tV band.

Technical Chars

- **Multiple SAT inputs:** 4 independent SAT inputs(DVB-S2), 4 output DVB-T/DVB-C modulators (2 pairs of adjacent modulators).
- Improved **WEB interface:** programming the control unit is even more intuitive.
- **"Mux-ad-Hoc":** ability to create your own mux at will with programs chosen from 4 independent SAT sources
- ARP 2.0 = **Automatic** Recovery Procedure allows you to safeguard programs with higher priority and ensure continuity in service
- **AUTO REMAPPING functionality:** ability to change the channels to be distributed in real time without TUNING TELEVISORS!!!!!!
- Multi-function **USB port** for upload/download of existing configurations, module firmware upgrade and video playback (TS supported file format).
- **DVB-T/DVB-C output modulation selectable** during programming: one product satisfies any coax distribution!!!

initial_fields		
Code		283135
Input		
Input no.		4
Input level	dB μ V	50-80
Demodulators		DVB-S2 (8-PSK, QPSK), DVB-S (QPSK)
Input band		950-2150
Input AFC	MHz	\pm 5
Symbol rate	Mbps	2-45
FEC		1/2, 2/3, 3/4, 5/6, 7/8, AUTO
Remote feeding	mA	400mA@18V max
LNB controls		DiSEqC 1.0

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 μ V	95
Level adjustment	dB	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
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
Current consumption	W	38
Common interface		-
Operating temperature	$^{\circ}$ C	-10 to +50
Conformity		EN50083-2, EN60065
Dimensions and packaging		
Pieces		1
EAN code		8016978103140
Packaging dimensions	mm	300 x 400 x 70
Product dimensions	mm	305 x 230 x 54
Packaging weight	Kg	2.6