

Modular headends

Output Modules : DTVDMxF - DTVIP64 Decrypting : DTVCi2



Below output modules allow the modulation into DVBT/C of the transport stream available on the backplane. 2 or 4 channel modulators are available all offering flexible output (free selectable channels in the VHF-UHF range).

Additional we have an IP streamer available.

DTVDM2F-DTVDM4F

- 2 or 4 output channels
- DVBT/DVBC
- Free selectable output channels
- Output level : 95 dB μ V

DTVIP64

- 64 (encrypted (DRM Lynk/ Pro Idiom)) SPTS/ MPTS over IP
- 1 Gb/s output
- Transmission protocol UDP/RTP

DTVCi2

- 2 CI slots, allows the decryption of programs over 2 CAMs



**Specifications, descriptions and photographs are subject to change without notice.*

**The products comply with the requirements of the CE mark. The declaration of conformity is available upon request.*

TECHNICAL SPECIFICATIONS:

DTVDM2F	Number of channels	2 free selectable in the VHF-UHF frequency band
DTVDM4F	Number of channels	4 free selectable in the VHF-UHF frequency band
	Output level	> 90 dB μ V (adjustable in DTViFace)
	Insertion loss	< 2 dB
DVBT/COFDM	Output frequency	170-230 MHz + 470-862 MHz
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
	Guard Interval	1/4, 1/8, 1/16, 1/32
	Mode - MER	2K - > 35 dB
DVBC/QAM	Output frequency	50-862 MHz
	Constellation	16,32,64,128,256 QAM (EN 300 429)
	Symbol Rate	4 - 6.96 Mb/s
	MER	> 39 dB
DVB Processing		TsID, NIT version, ONID, NID, Network Name, LCN
Current consumption @5V	mA	DM2F = 550 / DM3F = 850 / DM4F = 1150
Maximum input bandwidth (from backplane)	Mb/s	200
Maximum output bandwidth (to backplane)	Mb/s	pass through

DTVIP64		
ENCRYPTION		
CAS Server interface		Simulcrypt ETSI TS 103 197
Data Encryption		AES-CBC 128 without padding
IP OUTPUT		
Standard		Ethernet 1000base-T
Programs count		Up to 64 SPTS (single transport stream) / MPTS (multiple transport stream)
Protocol		UDP/RTP (TTL & Qos configurable) SDP/SAP
IP configuration		Fixed or DHCP
IP addressing		Unicast - multicast
Current consumption @ 5V	mA	530
Maximum input bandwidth (from backplane)	Mb/s	300
Maximum output bandwidth (to backplane)	Mb/s	pass through