XDG 8S2-8T

Compact

XDG 8S2-8T is the high-performance FRACARRO Digital Central Station suitable for managing TV programs in multi-user hospitality environments.

The XDG 8S2-8T central unit is capable of **receiving from 8 independent Satellite transponders (DVB-S/S2/S2X)** not only Free-To-Air programs, but also encoded programs (such as tivùsat) thanks to the three Common Interface Slots.

The control unit is capable of transmodulating processed satellite programs and **retransmitting them to 8 digital DVB-T multiplexes or 8 DVB-C multiplexes** (output modulation selectable during programming)

The XDG 8S2-8T central unit is the perfect and suitable choice for the hospitality market (hotels, villages, camping, resorts), educational (schools, university campuses), health care (hospitals, nursing homes), prisons, ships, institutional buildings and generally all multi-user facilities.

Technical Chars

- **Compact** "all-in-one"**central unit**
- **Dual installation mode**: prepared for installation on 19" rack (1U standard) or wall-mounted installation
- Up to **8 independent DVB-S2/S2X inputs**
- Up to **8 DVB-T/C** outputs (output modulation selectable during programming)
- **3 independent Common Interface slots** to insert CAMs and professional smart-cards (e.g. tivùsat)
- **Forced ventilation**
- Management of all parameters via on-board web interface
- **Management of advanced parameters for each individual program** (PID filtering, SID, NIT, LCN, ONID, etc.)
- SNMP protocol support

initial_fields		
Code		287649
Input		
Input no.		8
Input level	dBµV	43-84
Demodulators		DVB-S (EN300421) DVB-S2 (EN 302307-1 v1.4.1) DVB-S2X (EN 302 307-2 v1.1.1)
Symbol rate	Mbps	1.5-45 (< 40 MSymb/s in 32-APSK) @ DVB-S
Remote feeding	mA	250mA per input - 1000mA (total per device)
LNB controls		DiSEqC 1.0

Outputs		
Multiplexes created		8
Output		S2-E69
Max output level	dBμV	95 @ DVB-C/DVB-T
Level adjustment	dB	0 to 20
MER RF	dB	≥40 dB @ DVB-C, ≥36 dB @ DVB-T
DVB-T Modulation		
Output		16-QAM, 64-QAM
Carriers		8k mode (DVB-T)
Guard interval modulation		1/4, 1/8, 1/16, 1/32 @ DVB-T
DVB-C Modulation		
Output		32QAM, 64QAM, 128QAM, 256QAM
Single channel band		Related to output symbol rate
Symbol rate	Mbps	From 1 to 7.5 MSymb/s (DVB-C)
Specifications		
Connectors		9x F-Female (8x RF input, 1x RF output), 1x RJ45 (100 Base-T for configuration)
Programming mode		Web interface
Current consumption	W	50
Common interface		3 x PCMCIA (Standard EN50221, TS10169)
Operating temperature	°C	-10 to +50; -10 to +45 (with CAM)
Dimensions and packaging		
Pieces		1
EAN code		8016978106837
Packaging dimensions	mm	575 x 325 x 50
Product dimensions	mm	485 x 275 x 45
Packaging weight	Kg	4