DVB-S to IP Streaming Equipment

Data Sheet

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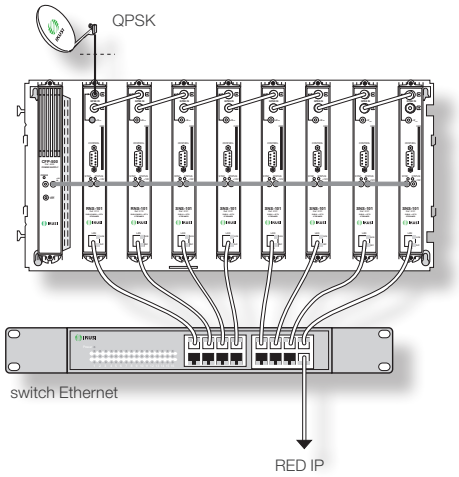
RNS101

REF. 5112

- Free-to-air or MultiCrypt DVB-S reception.
- Common Interface.
- Up to 8 simultaneous IP or 28 only-Radio programmes, with individual multicast addresses.
- Filtering of information contained in the MPEG-2 tables.
- UDP and RTP transmission protocols.
- Web interface for module configuration.
- Alarm information SNMP agent.
- SAP and SDP protocols to facilitate automatic programme selection in the set-top box and to provide programme information to external servers.

		RNS-101
Reception		FTA or MultiCrypt DVB-S (Common Interface, EN5022)
Number of simultaneous “Radio Programme” streams delivered		up to 28
Max number of de-encrypted Radio Programmes		Variable (CAM depending)
SNMP Support - traps		Yes
DiSEqC equipped (vers. 1.08)		Yes
Input Section (QPSK/8PSK)		
Frequency range	MHz	950 – 2150
Input level	dBm	-65 – -25
Input loop-through gain	dB	0 (±1)
Input symbol rate	MS/s	2 – 45
Output Section (IP)		
Standard		IEEE 802.3 10/100 BaseT
Bit rate	Mbps	30
Transmission protocols		UDP/RTP
Multicast		Yes
Conectors		
RF input (loop-through)		(2x) female F
DC connection		banana socket
CAM entrance		–
Configuration		RS-232/DB-9
Ethernet output		RJ-45
General		
Supply voltage	VDC	+12
Consumption	mA	310 (without CAM), 480 (with CAM)
Max DiSEqC current	mA	300
Indicator leds		ON - STATUS - LINK - ACT
Operating temperature	°C	0 – +45
Dimensions	mm	230 x 195 x 32

Each module is packed with:
- 1 F plug bridge, 64 mm length, for input tap line.
- 1 DC plug bridge, 53 mm length, for connection of +12 voltage.



— **Example of a mixed SNS/RNS headend for eight digital satellite TV transponders. Contains 6 SNS-101 streamers, 2 RNS-101 and 1 CFP-500 power supply, all fixed on 1 BAS-900 baseplate. The headend can feed the IP network with 48 TV programmes (8 programmes per SNS streamer) plus 56 Radio programmes (28 programmes per RNS streamer).**

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