

DVB-S2 / IP Streamer



Going future today.



U 148

- Plug-in module for U 100 base unit
- for processing of 8 DVB-S2 signals into IP multicast groups (8 MPTS, 504 SPTS)
- tuners with DiSEqC control
- up to 24 streams per rack unit
- fully intergrated to U 100 head end system
- easy configuration and maintenance via webbrowser
- monitored fan

TECHNICAL DATA

Type		U 148	
Order number		380 148	
EAN-Code		4026187170752	
Number of DVB-S2 input signals		4	
Number of DVB-S2 transponders		8	
Number of IP output streams		8MPTS, 504 SPTS	
Interfaces			
Management		2 x 100 Base-T Ethernet (RJ 45)	
Data		2 x 1000 Base-T Ethernet (RJ 45)	
Protocols		IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, SNTP, IGMPv3	
Transportstream Encapsulation			
Protocols		UDP, UDP / RTP, 1-7 packets, FEC	
Packet length	Bytes	188 / 204	
DVB-S demodulator			
DVB-S modulation		QPSK; 8PSK	
Input frequency range	[MHz]	950 - 2150	
Input level	[dB μ V]	40 - 80	
SAT-IF input	[Ω]	75, F-jack	
Reflection loss	[dB]	≥ 10	
Input symbol rate	[MS/s]	max. 45,0	
DVB-S Roll-off-factors		0,20;0,25;0,35	
DVB-S LDPC		1/2; 1/3; 1/4; 2/3; 2/5; 3/5; 4/5; 5/6; 8/9; 9/10	
Viterbi decoding (according DVB standard)		1/2; 2/3; 3/4; 5/6; 7/8; automatically / manually	
DiSEqC Control		<input checked="" type="checkbox"/>	
RF inputs			
Connectors	Ω	75, 1 x F-jack	
Common data			
when mounted in base unit U 100-48:			
Current consumption at 48 V	mA	680	
Power consumption at 48 V	W	28 per module	
Input voltage	V	- 48	
when mounted in base unit U 100-230:			
Input voltage	VAC	100 - 240 (50 / 60 Hz)	
Input power consumption	W / VA	one power supply, three modules: 121,2 / 144; two power supplies, three modules: 144,1 / 158	
Dimensions		1 HU, 19 inch	
Ambient temperature	$^{\circ}$ C	0 ... +45	

BLOCK DIAGRAM

