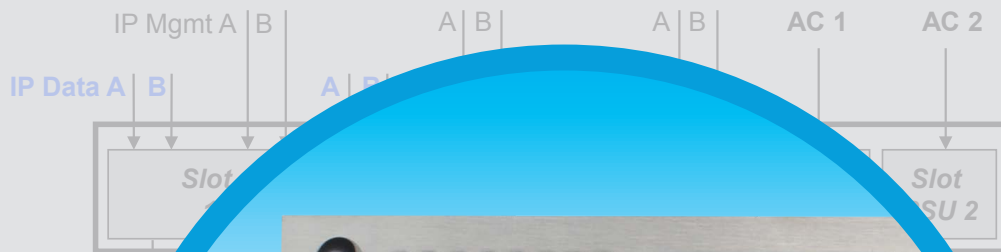


# DVB-S2 / IP Streamer



Going future today.



**NOW WITH SPTS**



## U 144

- Plug-in module for U 100 base unit
- for processing of 4 DVB-S2 signals into IP multicast groups (8 MPTS, 504 SPTS)
- 4 CI slots
- tuners with DiSEqC control
- up to 12 streams per rack unit
- fully intergrated to U 100 head end system
- easy configuration and maintenance via webbrowser
- monitored fan

## TECHNICAL DATA

Type		U 144	
Order number		380 144	
EAN-Code		4026187170745	
Number of DVB-S2 input signals		4	
Number of DVB-S2 transponders		4	
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, SNMP, 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 $\mu$ V]	40 - 80	
SAT-IF input	[ $\Omega$ ]	75, F-jack	
Reflection loss	[dB]	$\geq 10$	
Input symbol rate	[MS/s]	max. 45,0 (depends on DVB-S2 Modulation)	
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 (depends on DVB-S2 Modulation)	
Viterbi decoding (according DVB standard)		1/2; 2/3; 3/4; 5/6; 7/8; automatically / manually	
DiSEqC Control		<input checked="" type="checkbox"/>	
CI interfaces			
CI slots		4 x (front access)	
Supported modules	excerpt (others on request)	Alphacrypt, Aston Conax, Dreamcrypt, Entavio CAM, GkWare BISS CAM, Homecast CAM, ICECrypt, Ideto Access, Kid CAM, Mascom Cryptoworks, Matrix CAM, Mediaguard Canal Digitaal, Nagravision, Oasis CAM, PCMCIA CAM, Premiere, Worldcam, TechniCam Beta2, Technicrypt, TPS, Reality CAM, SMIT, Universal CAM, Viaccess, Videoguard CAM	
Connectors		4 x PCMCIA	
RF inputs			
Connectors	$\Omega$	75, 4 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	110...240 - +/- 10% AC	
Input power consumption	W / VA	1 power supply unit, 3 modules: 122,2 / 134,2; 2 power supply units, 3 modules: 140,2 / 157,5	
Dimensions		1 HU, 19 inch	
Ambient temperature	$^{\circ}$ C	0 ... +45	

## BLOCK DIAGRAM

