

ASTRO U 144-X

DVB-S2 TO IP STREAMER



- plug-in modules for U 100 base unit
- 4 physical signal input jacks for processing of 4 DVB-S2 signals into IP multicast groups, 8 MPTS, 504 SPTS (SPTS license afforded)
- up to 4 DVB-S2 transponders
- up to 12 streams per rack unit
- 4 cascable CI slots with multi channel decryption
- tuners with DiSEqC control
- monitored fan

SPECIFICATIONS

TYP		U 144	U 144-X
Number of DVB-S2 input signals		4	
Number of DVB-S2 transponders		4	
Number of IP output streams		4 + 4 MPTS, 504 SPTS (SPTS license afforded)	
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 QPSK; 8PSK; 16APSK;32APSK	
Input frequency range	[MHz]	950 – 2150	
Input level	[dBµV]	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; ¼; 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		☒	
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, SMI, Universal CAM, Viaccess, Videoguard CAM
Connectors			4 x PCMCIA

RF INPUTS		
Connectors	Ω	75, 4 x F-jack
COMMON DATA		
Current consumption at 48 V	mA	530
Power consumption at 36 - 60 V	W	25
Input voltage	V	36 – 60
Dimensions		1 HU, 19 inch
Ambient temperature	$^{\circ}\text{C}$	0 ... +45