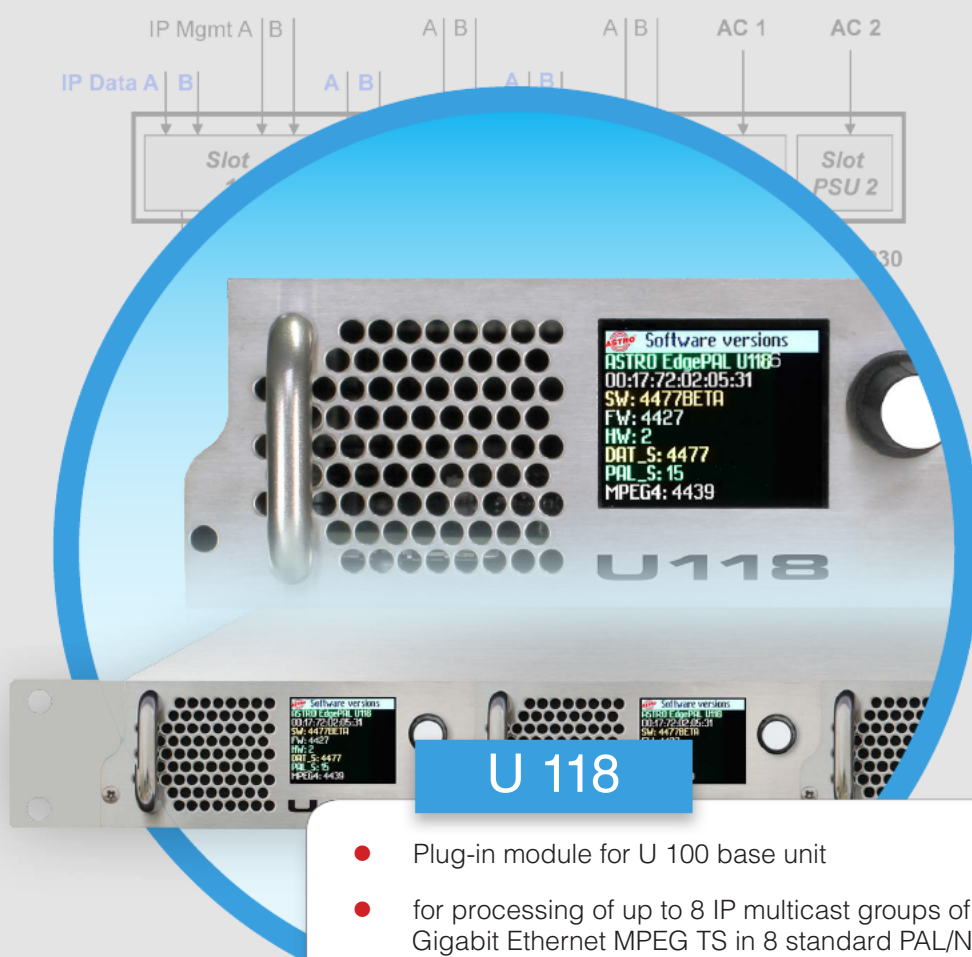


8 x IP to PAL/NTSC converter with MPEG 4 support



Going future today.



U 118

- Plug-in module for U 100 base unit
- for processing of up to 8 IP multicast groups of a Gigabit Ethernet MPEG TS in 8 standard PAL/NTSC-programmes
- HD to SD downscaling functionality
- outstanding signal parameters by Direct Digital technology (Video-S/N: typ. 66 dB; residual carrier accuracy: 1 %)
- optionally available output channel filters (U-KF) allow for maintaining the high signal quality even after combining
- user friendly configuration via webbrowser

TECHNICAL DATA

Type		U 118
Order number		380 122
EAN-Code		4026187191955
Maximum number of IP input signals		8
Maximum number of PAL output signals		8
Network interfaces (passive routing to U 1xx)		
Management		2 x 100 Base-T Ethernet (RJ 45)
Data		2 x 1000 Base-T Ethernet (RJ 45)
Protocol		IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, SNMP, IGMPv3
Transport stream editing		
TS Decapsulation		UDP, UDP / RTP, 1-7 packets, FEC
Packet length	[Bytes]	188 / 204
Decoding		
Video		H.264/AVC Level 4.1 HP, MPEG-2 MP@HL
Audio		MPEG-1/2 Layer 1/2, (HE-)AAC, AC-3* / Dolby Digital (Plus) optional
Data		Teletext, VPS, WSS, Teletext subtitles, DVB Subtitling
PAL modulator		
Connectors	[Ω]	75, 2 x F-jack
Frequency range	[MHz]	47 - 862, digital modulation
Output level	[dBμV]	112
Return loss	[dB]	≥ 14
Spurious frequency dist.	[dB]	≥ 60
Stereo cross talk	[dB]	> 55
Residual carrier accuracy	[%]	1
TV standard		PAL B/G, D/K, M, N, SECAM, SECAM L, A2/NICAM, NTSC mono
Video-signal to noise ratio	[dB]	typ. 63
Common data		
when mounted in base unit U 100-48:		
Current consumption at 48 V	mA	680
Power consumption at 48 V	W	43 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	1 power supply unit, 3 modules: 168 / 181; 2 power supply units, 3 modules: 188 / 205
Dimensions		1 HU, 19 inch
Ambient temperature	°C	0 ... +45

BLOCK DIAGRAM

