

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			
Dimensions		1 HU, 19 inch	
Ambient temperature			
Ambient temperature	°C	0 ... +45	

BLOCK DIAGRAM

