

U 114, U 115

4 x IP to PAL converter; U 115 with MPEG 4 support



Direct Digital  by ASTRO

- for processing of up to 4 IP Gigabit Ethernet-multicast groups into 4 standard PAL-programmes
- PAL-programmes led through as two pairs of adjacent channels
- 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

Type	U 114		U 115	
Order number		380 114		380 114
EAN-Code		4026187611125		4026187131609
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		MPEG 2 Main Profile @ Main Layer MP @ ML	MPEG 2 Main Profile @ Main Layer MP @ ML und H.264 MP @ L30 (SD)	
Audio		2 x MPEG 1 Layer 2, Mono / Stereo, 2-channel audio / Audio Description		
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]	118		
Return loss	[dB]	≥ 14		
Spurious frequency dist.	[dB]	≥ 60		
Stereo cross talk	[dB]	> 55		
Residual carrier accuracy	[%]	1		
TV standard		PAL/SECAM, B/G, D/K, SECAML, A2/NICAM		
Video-signal to noise ratio	[dB]	typ. 65		
Common data				
Power consumption	[W]	28		
Dimensions		19", 1 HE		
Ambient temperature	[°C]	0...+45		