



Difference between U 115 and U 116

Type		U 115	U 116
Order number		380 115	380 117
EAN-Code		4026187131609	4026187141059
Network interfaces			
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 procession			
TS Decapsulation		UDP, UDP / RTP, 1-7 packets, FEC	
Packet length	[Bytes]	188 / 204	
Decoding			
Video		MPEG 2 Main Profile @ Main Layer MP @ ML und H.264 MP @ L30 (SD)	H.264/AVC Level 4.1 HP, MPEG-2 MP@HL
AAC processing		--	yes, (HE-)AAC
AC 3 processing		--	optional (U116-AC-3)*
MPEG 4 SD processing		H.264 MP @ L30 (SD)	yes
HD to SD downscaling		--	yes
Audio		2 x MPEG 1 Layer 2, Mono / Stereo, 2-channel audio / Audio Description	MPEG-1/2 Layer 1/2, (HE-)AAC, AC-3* / Dolby Digital (Plus) optional
Data		Teletext, VPS, WSS, Teletext subtitle, DVB subtitle	
MPEG Layer Support			
ISO/IEC 13818-1 (MPEG-2 Transport Stream)		yes	yes
ISO/IEC 14496-1(MPEG-4 Transport Stream)		no	no
ISO/IEC 13818-2(MPEG-2 Video)		yes	yes
ISO/IEC 14496-10 (H.264, MPEG-4 AVC)		no	yes
MP@ML(ISO/IEC 13818-2)		yes	yes
MP@HL (ISO/IEC 13818-2)		no	yes
MP@L3 (ISO/IEC 14496-10)		yes	yes
HP@L3 (ISO/IEC 14496-10)		no	yes
HP@L4 (ISO/IEC 14496-10)		no	yes
ISO/IEC 11172-3 MPEG-1 AudioLayer II		yes	yes
PAL Modulator			
Connectors	[Q]	75, 2 x F-female	
Frequency Range	[MHz]	47 - 862, digitally modulated	
Output level	[dBµV]	118	
Return loss	[dB]	≥ 14	
Inter-carrier noise distance	[dB]	≥ 60	
Stereo crosstalk	[dB]	> 55	
Residual carrier accuracy	[%]	1	
TV-Standard		PAL B/G, D/K, M, N, SECAM, SECAM L, A2/NICAM, NTSC mono	
Video SNR	[dB]	typ. 65	
Common Data			
Power consumption	[W]	28	
Housing		19", 1 HE	
Ambient temperature	[°C]	0...+45	

*) AC-3 only supported by U 116 (AC-3), Order number: 380 118