

Type		IP BOX 16			
Order number		380 066			
EAN-Code		4026187311865			
IP interfaces		2 with overall 240 SPTS			
Network Interfaces					
Management		2x 1000 Base-T Ethernet (RJ 45) (10, 100, 1000)			
Data		2x SFP (1000 Base-X or SGMII)			
Bitrate per data port	Mbit/s	1000			
Protocols		Ethernet, ARP, IPv4, IPv6, VLAN, UDP, RTP, TCP, HTTP(S), SNMP, SNMP v2c/v3, Syslog			
SAT-IF Interface					
Type of Interface	Ω	4 x Coaxial, 75			
Reflection loss	dB	10, typical			
Remote supply voltage	V	13,0 - 20,3			
Remote supply current	mA	max. 300 (per input)			
Demodulator					
Frequency range	MHz	950 – 2150			
Standards		DVB-S, DVB-S2(X)			
Input symbol rate DVB-S	MS/s	1,0 - 54			
Input symbol rate DVB-S2(X)	MS/s	min: 2,0			
		Active RX:	1-16	1-4, 9-12	1-4*
		QPSK	45	64	70
		8PSK	29	46	70
		16APSK	22	35	70
		32APSK	17,5	28	56
		64APSK	14,5	25	46
		128APSK	12,5	23	40
		256APSK	11,0	21	35
Input level	dBμV	40 –80			
CI Interfaces					
CI Slots		6x (front access)			
CI data rate	MBit/s	70			
Supported modules		Al Jazeera Sports, Alphacrypt, Aston, Conax, Cryptoworks, Diablo, Dragon, Dreamcrypt, Entavio CAM, Free-X TV, Giga, GkWare BISS CAM, Homecast CAM, ICECrypt, Irdeto Access, Joker, Kid CAM, Magic Module, Mascom Cryptoworks, Matrix CAM, Mediaguard Canal Digitaal, Nagravision, Oasis CAM, PCMCIA Cam, PowerCam Pro, Premiere Worldcam, T-Rex Twin Module, TechniCAM Beta2, Technicrypt, TPS, Reality CAM, SMT, Ultimate CAM, Universal CAM, Viaccess, Videoguard CAM, X-Cam, Zetacam Blue			
Connections		6x PCMCIA			
Transportstream processing					
Packet length		188 Bytes			
Data rate adjustment		☒			
PCR correction		☒ (< 500 ns accord. DVB)			
Multiplexer		☒			
IP TX					
TS Decapsulation		UDP/IP, UDP/RTP/IP			
TS type		SPTS			
TS functionality		240 SPTS from 16 SAT transponders			
Common data					
Power consumption	W	typical 50, max. < 75			
Input voltage	V	230			
Dimensions (W x H x D)	mm	wirhout mounting brackets: 19 Zoll, 2HU; 422 x 86,5 x 220 with mounting brackets: 480,6 x 87 x 220			
Installation height / Operating height	m	≤ 4000 N.N.			
Ambient temperature	°C	0 ... +50			