

Type		U 164-X
Order number		380 167
EAN-Code		4026187194499
Number of DVB-CT2 input signals		4
Number of DVB-CT2 tuners		4
Number of IP output streams		8 MPTS (4 FTA and SCR each), 504 SPTS
Interfaces		
Management		2 x 100 Base-T Ethernet (RJ 45)
Data		2 x 1000 Base-T Ethernet (RJ 45)
Protocols		IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, SNMP, IGMPv3
Transportstream Encapsulation		
Protocols		UDP, UDP / RTP, 1-7 packets, FEC
Packet length	[Bytes]	188 / 204
DVB-C demodulator		
Frequency range	[MHz]	47 - 862
Input data rate	[Mbaud]	0,5 - 7
Modulation modes (accord. DVB-standard)		QPSK, QAM16, QAM32, QAM64, QAM128, QAM256
Input symbol rate	[MS/s]	1,8 - 7,2
DVB-T demodulator / DVB-T2 demodulator (Scrambling of L1 post signalling; conforms to ETSI EN 302-755 v1.31)		
Frequency range	[MHz]	47 - 862
Modulation		DVB-T: 4-, 16-, 64-QAM; DVB-T2: 4-, 16-, 64-, 256-QAM DVB-T2 scrambling of L1 post signalling
Guardinterval		DVB-T: 1/4; 1/8; 1/16; 1/32; DVB-T2: 1/4; 5/32; 1/8; 5/64; 1/16; 1/32; 1/64; 1/128
FEC		DVB-T: 1/2; 2/3; 3/4; 5/6; 7/8; DVB-T2: 1/2; 3/5; 2/3; 3/4; 4/5; 5/6
FFT-Mode		DVB-T: 2k, 8k; DVB-T2: 1k, 2k, 4k, 8k, 16k, 32k
Bandwidth	[MHz]	DVB-T: 6; 7; 8; DVB-T2: 5; 6; 7; 8
Remote voltage supply		5V, typical, 100mA, switchable
Input symbol rate	[MS/s]	DVB-T: 6, 7, 8; DVB-T2: 5, 6, 7, 8
CI interfaces		
CI slots		4 x (front access)
Supported modules	excerpt (others on request)	Alphacrypt, Aston Conax, Dreamcrypt, Entavio CAM, GkWare BISS CAM, Homecast CAM, ICECrypt, Ideto Access, Kid CAM, Mascom Cryptoworks, Matrix CAM, Mediaguard Canal Digitaal, Nagravision, Oasis CAM, PCMCIA CAM, Premiere, Worldcam, TechniCam Beta2, Technicrypt, TPS, Reality CAM, SMI-T, Universal CAM, Viaccess, Videoguard CAM
Connectors		4 x PCMCIA
RF inputs		
Connectors	[Ω]	75, 4 x F-jack
Common data		
Current consumption at 48 V	[mA]	590
Power consumption at 36 - 60 V	[W]	28,5 per module
Input voltage	[V]	36 - 60
Dimensions		1 HU, 19 inch
Ambient temperature	[°C]	0 ... +45