

DVB-C / DVB-T / DVB-T2 to IP Streamer



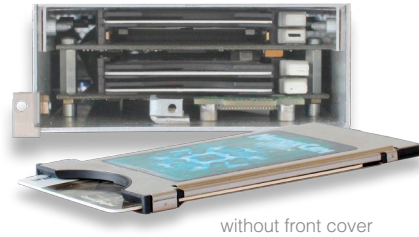
Going future today.



U 164

- Plug-in module for U 100 base unit
- for processing of 4 DVB-C, DVB-T or DVB-T2 input signals into 4 IP gigabit multicast groups
- 4 CI slots
- up to 12 streams per rack unit
- fully intergrated to U 100 head end system

DVB-C / DVB-T / DVB-T2 to IP STREAMER



without front cover

TECHNICAL DATA

Type		U 164	
Order number		380 164	
EAN-Code		4026187170769	
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			
Input data rate	[Mbaud]	0,5 - 7	
Modulation modes (accord. DVB-standard)		QPSK, QAM16, QAM32, QAM64, QAM128, QAM256	
DVB-T demodulator / DVB-T2 demodulator			
Modulation		DVB-T: 4-, 16-, 64-QAM	DVB-T2: 4-, 16-, 64-, 256-QAM
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, typ. 100mA, switchable	
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, T-Rex Twin Module, TechniCam Beta2, Technicrypt, TPS, Reality CAM, SMIT, Universal CAM, Viaccess, Videoguard CAM, Zetacam Blue	
Connectors		4 x PCMCIA	
RF inputs			
Connectors	Ω	75, 4 x F-jack	
Common data			
Power consumption	W	28	
Dimensions		19'', 1 HE	
Ambient temperature	$^{\circ}\text{C}$	0...+45	

BLOCK DIAGRAM

