

ASTRO U 164 X / 168 X

4X DVB-C/-T/-T2 TO 4X IP-MULTICAST



- Plug-in modules for U-100 base unit
- U-164 X: the reaction of four DVB-C, DVB-T or DVB-T2 input signals into four Gigabit IPmulticast groups
- U-164 X: up to 12 streams per unit of height
- U-168 X: eight for the implementation of DVB-C, DVB-T or DVB-T2 signal input from four inputs to eight Gigabit IP multicast groups
- U-168 X: up to 24 streams per unit of height
- Only U-164 X: four CI slots with Multi Channel Decoding

SPECIFICATIONS

TYP		U 164 X	U 168 X
NETWORK INTERFACES (FOR U-1XX PASSIVELY TRANSFERRED)			
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	
TRANSPORT STREAM 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 types		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	
Guardintervall		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		DVB-T: 6; 7; 8 DVB-T2: depending on symbol rate 5; 6; 7; 8	
Remote power		5V, typ. 100mA, switchable	
RF INPUTS			
Connectors	Ω	75, 4 x F-plug	
COMMON DATA			
Power Consumption	W	28	28
Dimensions		19", 1 RU	
Permissible ambient temperature	°C	0...+45	