

ASTRO U 160

IP / DVB-C2 SIGNAL CONVERTER , 2X IP MULTICAST IN 2X DVB-C2 SYSTEM

- Plug-in module for U-100 base unit
- To implement up to 24 Gigabit Ethernet IP multicast groups in the two DVB-C2 systems
- Multiple transport stream
- Multiplexing of data slices
- FEC: LDPC and BCH
- OFDM modulation
- Broadband Notch Placing
- Userfriendly configuration via web browser



SPECIFICATIONS

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, SNTP, IGMPv3
TRANSPORT STREAM ENCAPSULATION		
Protocols		UDP, UDP / RTP, 1-7 packets, FEC
Packet length	Bytes	188 / 204
DVB-C2 DEMODULATOR		
Input interface		Transport stream
Coding Modes		Static
FEC		LDPC, BCH
Interleaving		Bit, time and frequency
Modulation		OFDM
Bandwidth	MHz	16
Guard Intervall		1/64 or 1/128
Modulation schemes		16 QAM to 4096 QAM
FEC Frame		64 800 bits or 16 200 bits
Data Slices		1-3
Physical Layer Pipes		Single PLP je Data Slice
Narrowband Notches		☒
Broadband Notches		☒
RF MODULATOR		
Connectors	Ω	75, 2 x F plug
Frequency range	MHz	47-862
RF output level	dBμV	114
Return loss	dB	> 14
Spurious frequency distance	dB	> 60
COMMON DATA		
Power Consumption	W	28
Permissible ambient temperature	°C	0...+45