

ASTRO U 125

IP / FM SIGNAL CONVERTER, 16X IP MULTICAST IN 2X 20 FM STATIONS



- Module for U-100 chassis
- For conversion of 16x IP multicast into 2x20 FM programmes
- Excellent signal parameters through Direct Digital Technology
- Static and dynamic RDS is supported
- User friendly browser interface

SPECIFICATIONS

ETHERNET INTERFACES (PASSIVE TRANSMISSION FROM U-100)		
Management		2 x 100 Base-T Ethernet (RJ 45)
Data		2 x 1000 Base-T Ethernet (RJ 45)
Protocol		IEEE802.3 Ethernet, RTP, ARP, IPv4, TCP/UDP, HTTP, SNTP, IGMP, SSL, RADIUS
TRANSPORT STREAM PROCESSING		
TS Decapsulation		UDP, UDP / RTP, 1-7 packets, FEC
Transport stream processing		transparent (188 or 204 packets)
DECODING		
Audio		MPEG-1 Layer 2, Stereo
Input signal		16 x MPEG-2 TS
FM MODULATOR		
Output frequency	[MHz]	87,5-108
Step size	[kHz]	10
RDS Data		
statical		TP / PI / RT / PS 8 x 8 Characters
dynamic		RT / RT+ / PI / PTY / PS / MS / CT
Output level	[dBμV]	114
Intermod. distance	[dB]	60 @ 114 db μ V; 65 @ 112 db μ V
Return loss	[dB]	> 18
SNR	[dB]	> 65
SNR (unweighted, RMS)	[dB]	> 70
Stereo cross-talk attenuation	[dB]	60
Distortion factor	[%]	< 0,05
Frequency response	[dB]	< 1
COMMON DATA		
Power consumption	[W]	39
Operating temperature	[°C]	0 ... +45