

ASTRO QAM Box 16 eco

COMPACT HEAD-END DVB-S2 TO QAM



- 4 SAT polarizations free selectable for 12 QAM output channels (DVB-S2)
- LCN (Logic Channel Numbering)
- NIT generation (Network Information Table)
- outstanding price/performance ratio
- low power consumption (typical 50 W)
- easy configuration via webbrowser
- HDTV support (MPEG 2 and MPEG 4)
- easy, space saving installation (305 x 289 x 63 mm)
- passive cooling

CONNECTORS		
Sat input	Ω	4 x F-jack, 75
Sat loop through output, 0 dB	Ω	4 x F-jack, 75
Sat remote feed		14V, 18V and 22kHz switchable
RF output	Ω	1 x F-jack, 75
Testpoint, -20 dB	Ω	1 x F-jack, 75
Management		100 Base-T Ethernet (RJ 45)
Bus		2 x RJ 45 jack
DEMODULATOR		
Input frequency range	MHz	950–2150, 4 polarizations free selectable
Input symbol rate	MS/s	DVB-S: 1 - 45; DVB-S2: 2 - 45 (QPSK), 2 - 30 (8PSK), 45 / 22 (8 / 16 Kanäle) (16APSK), 36 / 18 (8 / 16 Kanäle) (32 APSK)
Input level	dBμV	60–90
TRANSPORT-PROCESSING		
Maximum total data rate	Mbit/s	800
QAM MODULATOR		
QAM Output channels		16
Modulation		64-, 256-QAM
Frequency range	MHz	47–862, digitally modulated
Signal processing		according DVB-C Standard
C/N (BW 8MHz) @ System level 100 dBμV	dB	> 60
Phase error dynamic	°	< 0,2
MER (EQ)	dBμV	44
Data rate adjustment		Yes
NIT handling		Yes
Output level	dBμV	80...96
COMMON DATA		
Power consumption	W	typ. 33 without LNB, max. 46 with LNB
Dimensions (W x H x D)	mm	305 x 289 x 63
Ambient temperature	°C	0 ... +50
Weight	Kg	3,42
Supply voltage	V~/Hz	230/50