

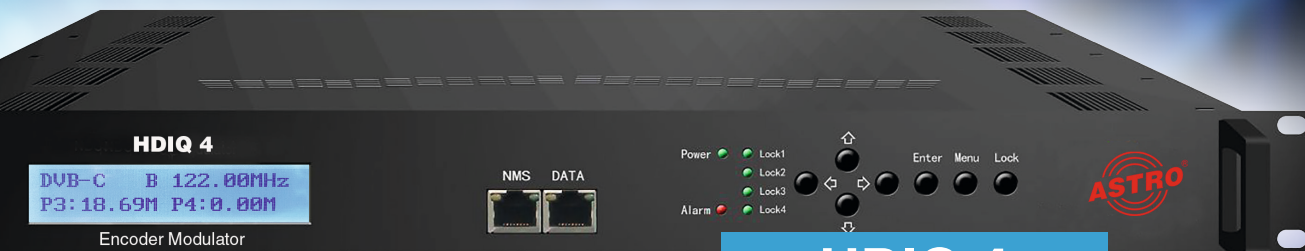
GOING FUTURE TODAY.



## HDMI to IP and QAM Encoder

innovative and reliable

4 HDMI Inputs, 1 DVB-C Output



HDIQ 4

### Inputs:

- 4 HDMI inputs

### Outputs:

- 1 DVB-C output, 1 - 4 output frequencies in the range 30 - 960 MHz
- IP output (4 x SPTS, 1 x MPTS) via UDP, RTP/RTSP

### Encoding:

- MPEG 2 & MPEG 4 AVC/H.264 Video Encoding
- MPEG 1 Layer II, MPEG 2 AAC, MPEG 4 AAC, AC 3 2.0 Audio Encoding

### Other attributes:

- up to 1920\*1080@50P/60P (MPEG 4 AVC/H.264)
- up to 1920\*1080@50I/60I (MPEG 2 HD)
- NIT and LCN generating
- excellent signal parameters (MER  $\geq$  42 dB, output level up to 97 dB $\mu$ V)



## HDIQ 4



Type		HDIQ 4
Order number		380 400
EAN-Code		4026187240868
Encoding		
Video encoding		MPEG-2, MPEG-4 AVC/H.264
Input		HDMI*4
Resolution		1920*1080_60P, 1920*1080_50P (for MPEG-4 AVC/H.264 only) 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P 720*480_60i, 720*576_50i
Video Bit rate	[Mbps]	1 - 19
Low delay		Normal, mode 1, mode 2
Audio encoding		MPEG-1 Layer II, MPEG-2-AAC, MPEG4-AAC, AC-3 2.0
Sample rate	[kHz]	48
Audio Bit rate	[kbps]	64, 96, 128, 192, 256, 320
Modulation DVB-C		
Standard		J.83A , J.83B, J.83C
MER	[dB]	≥ 42
RF output		up to 4 output frequencies in the range 30 - 960 MHz
RF output level	[dbm]	-30...-10 (77-97 dBμV), 0.1dB steps
Symbol rate	[Msps]	5,000 ~ 9,000 adjustable
Constellation		J.83A: 16 / 32 / 64 / 128 / 256QAM; J.83B and J.83C: 64 / 256QAM
Bandwidth		J.83A: 8 M; J.83B and J.83C: 6 M
IP output		
Transmission protocols		UDP, RTP, RTSP
Type of transport stream		4 x SPTS and 1 x MPTS
System		
Local interface		LCD + control buttons
Remote management		WEB interface
Outputs		1 IP (4*SPTS or 1 MPTS) out over UDP, RTP/RTSP (RJ45, 100 M)
NMS interface		RJ45, 100 M
Language		English
Common data		
Power supply	[VAC]	100 - 240
Dimensions	[mm]	420 x 400 x 44
Weight	[kg]	4.5
Ambeint temperature	[°C]	0 - 45