

HKM 40-02 HDMI | DVB-C/T encoder/modulator



- ✓ 4 x HDMI into 1 or 2 x DVB-C/T
- ✓ H.264
- ✓ Converts the HDMI resolution 1080p@50/60 Hz to DVB-compliant 1080p@25/30 Hz
- ✓ Class A according to EN 50083-2
- ✓ Web-based configuration, remote maintenance (SMARTPortal)
- ✓ Built in power supply
- ✓ Can be used for wall mounting or as a 19" unit, 1 RU (with HKZ 1-00)

Order information

Type	HKM 40-02
Order no.	HKM04002
GTIN	7611682006650
PE	1
VE	1
EU customs tariff number	85432000



Technical data

Inputs	
Number	4 x HDMI
Supported protocols	HDCP 1.x
Video resolution	1080p@50 Hz 1080p@60 Hz
Output	
Number of channels	1 oder 2 x DVB-C/DVB-T
Frequency range	45.....862 MHz
Channels selectable	E2.....E69
Connector	1 x F-female
Test port	1 x F-female (-30 dB)
Impedance	75 Ω
Output level adjustable	90...105 dBμV @ 1 channel 87...102 dBμV @ 2 channels
Video resolution	1080p@25 Hz 1080p@30 Hz
Audio encoder	MPEG-1 audio layer II
Video encoder	H.264 (MPEG-4)
Max. bit rate per channel	16 Mbit/s
Output modulation	
Type	16QAM, 32QAM, 64QAM, 128QAM, 256-QAM @ DVB-C 16QAM, 64QAM @ DVB-T
MER	≥ 40 dB @ DVB-C ≥ 36 dB @ DVB-T
Bit rate, max	50.87 Mbps @ DVB-C 31.668 Mbps @ DVB-T
FFT	2K, 8K mode @ DVB-T
FEC	1/2, 2/3, 3/4, 5/6, 7/8 @ DVB-T
Guard interval	1/4, 1/8, 1/16, 1/32
Symbol rate	1...7.5 MBaud/s
Interfaces	
Ethernet connectors	1 x RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T
Supported configuration protocols	HTTP, AXING SMARTPortal*
General	
Operating temperature range (acc. to EN 60065)	-10°C...+50°C
Operating voltage	100...240 VAC/50...60 Hz
Power consumption	50 W
Dimensions (W x H x D) appr.	480 x 253 x 47 mm
Weight	2.350 kg
Comments	* encrypted, cloud-based application for configuration, monitoring and remote maintenance

Example of use

