

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



- ✓ 4 x HDMI into 1 or 2 x DVB-C/T or in IPTV
- ✓ Parallel operation with IPTV possible with software extension HKS 1-00H
- ✓ Freely selectable DVB-C/T output channels
- ✓ H.264
- ✓ Converts the HDMI resolution 1080p@50/60 Hz to DVB-compliant 1080p@30 Hz
- ✓ 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 40-02H
Order no.	HKM04002H
GTIN	7611682009996
PE	1
VE	0
EU customs tariff number	85432000

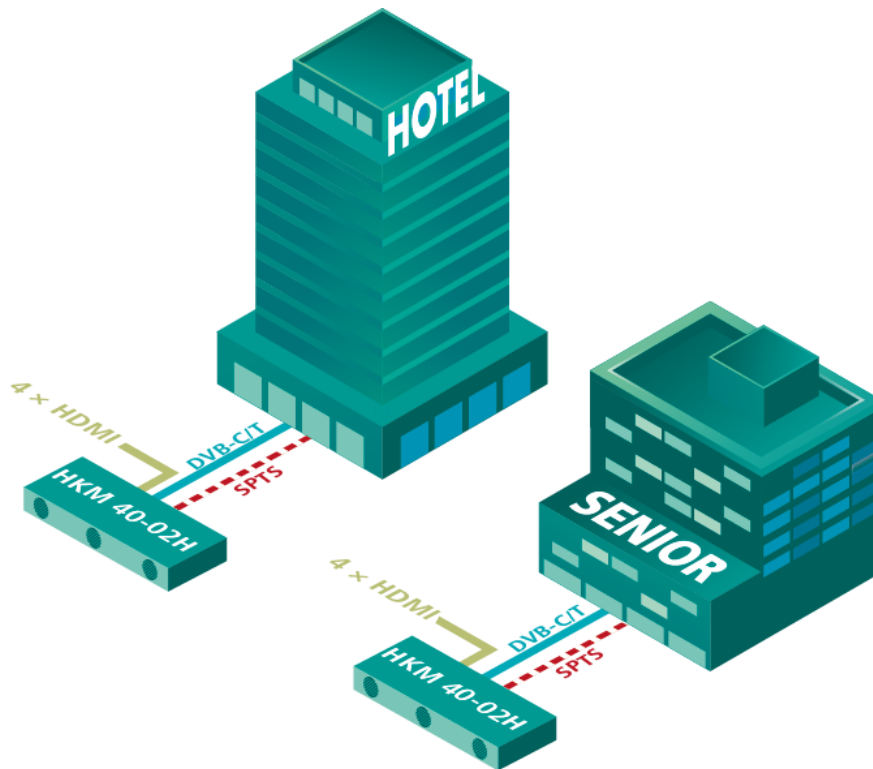


Technical data

Inputs	
Number	4 x HDMI
Supported protocols	HDMI 1.3, 1.4a HDCP 1.4
Video resolution	1080p@50 Hz 1080p@60 Hz
Output	
Number of channels	1 oder 2 x DVB-C/DVB-T
Frequency range	110 ... 862 MHz
Channels selectable	S2 ... E69
Connector	1 x F-female
Test port	1 x F-female (-30 dB)
Impedance	75 Ω
Output level adjustable	90 ... 105 dBμV
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	14 Mbit/s
Output modulation	
Type	16QAM, 32QAM, 64QAM, 128QAM, 256QAM @ 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	2 ... 6.96 MBaud/s
IP output	
Transportstreams	4 x SPTS
Total net data rate	56 Mbps
Supported transport protocols	UDP
Supported application protocols	RTP
Interfaces	
Ethernet connectors (LAN)	2 x RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T
Supported configuration protocols	HTTP, AXING SMARTPortal**
General	

Operating voltage	100 ... 240 VAC/50 ... 60 Hz
Power consumption	25 W
Operating temperature range (acc. to EN 60065)	-10 °C ... +50 °C
Dimensions (W × H × D) appr.	480 × 253 × 47 mm
Weight	2.900 kg
Comments	* with software extension only ** encrypted, cloud-based application for configuration, monitoring and remote maintenance

Example of use



Suitable products

[HK7.1-00 Front panel for 19" usage](#)

[HKS.1-00H Software extension for parallel operation DVB/IPTV](#)