

HKM 1-00 HDMI Encoder/Modulator



- ✓ For feeding video into cable networks
- ✓ Converts and compresses HDMI signals to DVB-C/T
- ✓ Resolution up to 1080p @ 60Hz
- ✓ Provides a TV channel for information or events (online church services, fitness videos, etc.)
- ✓ For use in hotels or retirement homes, for example
- ✓ Suitable as an addition to a headend or SAT system
- ✓ Intuitive and easy configuration via web browser
- ✓ Includes power supply and wall brackets

Order information

Type	HKM 1-00
Order no.	HKM00100
GTIN	7611682400618
PE	1
VE	1
EU customs tariff number	85432000



Technical data

Inputs	
Number	1 × HDMI
Video resolution	720@50p, 720@60p, 1080@50i/p, 1080@60i/p
Output	
Number of channels	1 × DVB-C/DVB-T
Frequency range	50 ... 862 MHz
Channel bandwidth	6, 7, 8 MHz
Output level adjustable	70 ... 100 dBμV
Video resolution	1080p @ 60 Hz
Audio encoder	MPEG-1 audio layer II, AAC
Video encoder	H.264 (MPEG-4)
Max. bit rate per channel	5 ... 25 Mbit/s
Output modulation	
Type	16QAM, 32QAM, 64QAM, 128QAM, 256QAM @ DVB-C QPSK, 16QAM, 64QAM @ DVB-T
MER	Typ. 39 dB min. 37 dB
FFT	2K, 8K @ 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 @ DVB-T
Symbol rate	5 ... 9 MBaud/s @ DVB-C
Interfaces	
Ethernet connectors	1 × RJ 45
Ethernet standards	IEEE 802.3, 100 Base-T
General	
Operating temperature range	5 °C ... 40 °C
Operating humidity (non-condensing)	80% @ 30 °C
Operating voltage	12 VDC
Current consumption	500 mA
External accessories	
Plug-in power supply	100 ... 240 VAC / 50 ... 60 Hz 12 VDC / 2 A

Suitable products

[TZU 40-05 RF and EoC inserter](#)

[CFA 7-01 Earth connection block single F | F | wall mounting](#)