

# HKM-4002

HDMI or SDI--> DVB-T/-C FULL HD 4ch ENCODER



HKM-4002 is a Full-HD encoder to modulate high quality audio and video to antenna/cable network in DVB-T or DVB-C. Maximum resolution of HDMI or SDI input is 1920\*1080. HKM-4002 is perfect to transmit the prestations of conference room to public facilities in HD quality.

Full HD encoder can be used also in theaters and concerts. Easy web based programming and remote configuration is possible.

For 4 channels output can be selected on 1 or 2 RF-muxes. Channel memory numbering LCN (Logical Channel Number) can be saved by manual and by channel to channel.

Automatic NIT. Automatic channel quantity recognizing for multiplexing.

Possible to remotecontrol via Smartportal service by mobile phone , pad or PC world widely.

Can be mounted direct on a wall or 1U-19" device on 19" rack.

## Models:

- HKM-4002 4chs HDMI > DVB-T/-C Full HD modulator
- HKM-4002-19 4chs HDMI > DVB-T/-C Full HD modulator in 19"
- HKM-4002SDI 4chs HD SDI > DVB-T/-C Full HD modulator
- HKM-4002SDI-19 4chs HD SDI > DVB-T/-C Full HD modulator in 19"

## Features

- Full HD
- HDMI or SDI input
- DVB-T and -C output

## Technical specification

### Video encoder

- MPEG-4 H.264 AVC HD / MPEG-2 SD
- Max bit rate 16 Mbps/ch.

### Audio encoder

- MPEG audio layer 1/2
- Compliant to ISO/IEC11172-3
- Max bit rate 384 kbps

### QAM/COFDM output

- Selectable 4chs on 1 or 2 mux
- Constellation T:64, (C:128, 256 QAM)
- MER > 40dB
- FFT 8k/2k mode
- Output level 105 dBuV max
- Output frequency range 48 ... 858 MHz

### Universal:

- Power consumption 100-240 VAC/ 30W
- Dimensions: HDMI:41\*270\*480mm SDI: 41\*350\*480mm