

HKM-4002H

HDMI or SDI → DVB-T/-C + IPTV FULL HD 4ch ENCODER



HKM-4002H is a Full-HD encoder to modulate high quality audio and video to antenna/cable network in DVB-T or DVB-C and IPTV SPTS multicast.

Maximum resolution of HDMI or SDI input is 1920*1080.

HKM-4002H is perfect to transmit the presentation 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 remote control 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-4002H	4chs HDMI > DVB-T/-C/IPTV Full HD modulator
HKM-4002H-19	4chs HDMI > DVB-T/-C/IPTV Full HD modulator 19"
HKM-4002HSDI	4chs HD SDI > DVB-T/-C/IPTV Full HD modulator
HKM-4002HSDI-19	4chs HD SDI > DVB-T/-C/IPTV Full HD modulator 19"



Features

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

Technical specification

Video encoder

- MPEG-4 H.264 AVC HD
- Max bit rate 8 Mbps/ch.
- HDMI 1.3, HDMI 1.4a, and HDCP 1.4.

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
- SPTS, RTP, UDP

Universal:

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

