



## Encoder hd mpeg-4 8-ch



The 8-ch H.264 HD encoder is newest professional HD audio & video encoding and multiplexing device with powerful functionality. It is equipped with 8 HDMI channels input, supporting MPEG-4 AVC/H.264 High Profile & Main Profile code formats.

The 8-ch H.264 HD encoder is the newest professional HD audio & video encoding and multiplexing device with powerful functionality. It is equipped with 8 HDMI channels input, supporting MPEG-4 AVC/H.264 High Profile & Main Profile and 1 ASI input. It can multiplex the ASI input TS and the 8 encoded SPTS to generate a MPTS output with the inserted PSI/SI information. In conclusion, it's high integration and cost-effective design make this device widely used in variety of digital distribution systems such as CATV digital head-end, satellite and terrestrial digital TV, etc.

### KEY FEATURES:

- 8 HDMI channels input & 1 ASI Input
- Supports H.264/AVC high profile level 4.0 video encoding
- PSI/SI editing and inserting
- Supports MPEG1 Layer 2 (HE-AAC (V2) or LC-AAC optional) audio encoding
- TS multiplexing with auto-generated PSI/SI
- Supports VBR/CBR video encoding
- Supports 720P, 1080I, 1080P HD video format
- MPTS or 8 SPTS ASI and IP output
- IP null packet filter
- PID filter and transparent transport
- Real-time output bitrate monitoring
- LCD / keyboard operating, and network management (SNMP)

Digital Video & Audio Input	
Number of inputs, connector type	8 x HDMI (Type A receptacle)
ASI Transport Stream Input	
Number of inputs, connector type	1 x ASI input
Standard and data format	DVB-ASI
ASI TS Multiplexing Output	
Number of outputs, connector type	2 x ASI, BNC female, 75Ω
tandard and data format	DVB-ASI
PSI processing	PAT, PMT, NIT Insertion
Video Encoding	

<b>Encoding format</b>	MPEG-4 AVC/H.264: HP@L4.0
<b>Resolution and frame rate</b>	1920x1080p/i@60/50 fps, 1280x720p/i@50/60 fps, 720x576i@50/60 fps
<b>Aspect ratio</b>	1:1, 4:3 or 16:9
<b>Video encoding rate and mode</b>	0.8 to 19 Mbps each channel, CBR, VBR
<b>Video processing</b>	De-interlacing, noise reduction, sharpening
<b>Audio Encoding</b>	
<b>Encoding standards</b>	MPEG-1 Layer 2, HE-AAC (V2), LC-AAC
<b>Audio mode</b>	Stereo or Mono
<b>Audio sample rate</b>	48 kHz
<b>Audio encoding rate</b>	64 to 384 kbps
<b>Network Management</b>	
<b>Interface and connector type</b>	1 x 10/100 Base-T Ethernet, RJ-45
<b>Management</b>	Web-interface
<b>Miscellaneous</b>	
<b>Front panel</b>	LCD with 7 control buttons, 10 x dual color LED for status indications of power, work and alarm
<b>Rear panel</b>	1 x Power supply receptacle (AC Input), 1 x Power switch
<b>Power Supply</b>	
<b>Input Voltage</b>	110-240 VAC, 50/60Hz
<b>Power Consumption</b>	25W (Max)
<b>Environmental</b>	
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 80°C (-4°F to 176°F)
<b>Operating Humidity</b>	90%, non-condensing
<b>Mechanical</b>	
<b>Dimensions (W x H x D)</b>	1RU: 440mm x 44.5mm x 410mm, 17.3" x 1.73" (1RU) x 16.1"
<b>Weight</b>	4Kg (8.8 lbs)

*Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.*

**Note!** *All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.*