COL5011F HD H.264 Encoder

Outline

COL5011F HD H.264 encoder is a professional high integration device which includes encoding, multiplexing. It supports 8/12/16/24 HDMI input, 1000M IP output (MPTS and SPTS output). In conclusion, its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, digital TV broadcasting etc.

Main Features

✓ 8/12/16/24 HDMI input, MPEG-4 AVC/H.264 Video encoding

✓ 8/12/16/24 HDMI inputs with 8/12/16/24 SPTS and 1 MPTS output, IP output over UDP and RTP protocol

✓ 2 ASI inputs

✓ 2 ASI Independent output (optional) as copy of 1MPTS

✓ Support "Null PKT Filter" function

✓ Support PID Remapping/ PCR accurate adjusting

✓ LCD, key function

✓ Control via web management, and easy updates via web

Specification

input	HDMI(8/12/16/24 HDMI)		
	2 ASI inputs		
output	2 ASI output		
	IP output:8/12/16/24 HDMI inputs with 8/12/16/24 SPTS and 4 MPTS output, IP output over UDP and RTP protocol		
video	Encoding	MPEG-4 AVC/H.264	
	Resolution	Input:1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720×576_50i,720×480_60i,	
		Output:1920×1080_30P,1920×1080_25P,1280×720_30P,1280×720_25P,720x576_25P,720x480_30P	
	Bit-rate	1Mbps~13Mbps（each channel)	
	Rate Control	CBR	
Audio	Encoding	MPEG1 Layer2	
	Sampling rate	44.1KHz and 48Khz	
	Bit-rate	64kbps ,128Kbps,192kbps,224kbps,256kbps,320kbps,384kbps	
	Resolution	24-bit	
	Audio Gain	0-255 Adjustable	
Multiplexing	Maximum PID Remapping	180 output pids per channel	
	Function	PID remapping (automatically or manually)	
		Accurate PCR adjusting	

System function	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension(W ×L×H)	550mm×5050mm×140mm
	weight	6kg
	Environment	0~45℃(work)；-20~80℃(storage)
	Power requirements	AC100~240V，50/60Hz