



MPEG-2 & H.264 Decoding

Latency 100ms

Chroma Depth 4:2:0 4:2:2(10bit)

Introduction

High bit rate 1080p professional Decoder is designed to receive broadcast signals using MPEG-2/MPEG-4 AVC (H.264) 4:2:2 or 4:2:0 digital compression technology with low latency as 100 ms.

Feature

- MPEG-2/MPEG-4 AVC (H.264) Decoding
- 4:2:0 and 4:2:2(10bit) Decoding
- Ultra low latency as 100ms
- IP, ASI inputs
- Composite, HDMI and HD/SD-SDI outputs
- NTSC and PAL video formats
- Control and monitoring via Web GUI and Front panel

Competitiveness

- Providing your customers with the best performance of decoding and high quality
- Able to secure space with compact and light weight design
- Easy to set-up and control

Options

Input- DVB-ASI, IP Stream

Output – HDMI, HD-SDI, Composite, Component(Optional)

Specification

TS Input

Transport Stream	DVB-ASI 1 port
Packet Format	188 Byte
Connector	BNC(75Ω)
TS Bit Rate	MPEG-2 : 2.5~55 Mbps H.264 : 2.5~55 Mbps

IP TS Input

IP Stream	1 port
Connector	RJ-45
Ethernet type	10/100/1000 Base-T
Format	UDP/IP, RTP/IP
IP Address Format	Multicast, Unicast
TS Bit Rate	MPEG-2 : 2.5~55 Mbps H.264 : 2.5~55 Mbps

Video Decoder

Decoding	MPEG-2 HP@HL, MP@HL, MP@ML H.264 HP@L4, MP@L3
Chroma Format	4:2:0, 4:2:2 (10bit)
Bit Rate Mode	CBR,VBR
Latency	100ms~

Audio Decoder

Sampling Rate	32, 48KHz
Dolby Digital® AC-3(5.1CH)	128,192,256,384,448,512,576,640 Kbps
MPEG-1 Layer II	192,224,256,320,384 Kbps
MPEG-4 AAC-LC	32~384 Kbps
MPEG-4 HE-AAC v1	32~192 Kbps
MPEG-4 HE-AAC v2	32~96 Kbps

Video Output

Analog Output	Composite, Component(option)
Digital Output	HDMI, SDI
Resolutions	480i29.97, 576i25, 720p50/59.94, 1080i25/29.97, 1080p25/29.97
SD Aspect Ratio	4:3, 16:9

Audio Output

Analog Output	1 Stereo
Freq. Range	20Hz ~ 20KHz
Impedance	600 Ω
Digital Output	Embedded SDI/HDMI (4stereo 8ch)
Sampling Rate	32, 48 KHz
Optical Input	SPDIF(7.1Channel) Pass Through

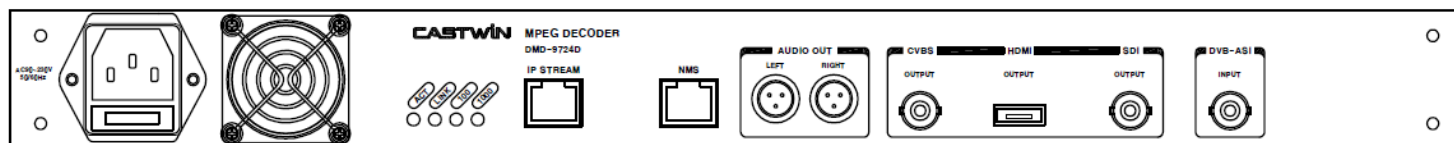
Ethernet

Interface Type	10/100Base-T
Protocols	SNMP

General

Power Requirements	AC 90~230V, 50/60Hz
Power Consumption	Max. 100W
Weight	4kg
Operating Temperature	-10~50°C
Dimension(W x H x D)	482 x 44 x 383 mm
Power Requirements	AC 90~230V, 50/60Hz

Configuration



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