

# HDMI Modulator

## Processor :

Host CPU: 200MHZ 32Bits RISC

Security Processor :200Mhz

32Bits

Audio Processor:200MHZ 32Bits

## RAM:

DDRII 16bit 512Mbitsx1

(Embedded)

## Flash:

NOR Flash 32Mbit x 1

## Video encoder:

ISO/IEC 11172-2 MPEG1

ISO/IEC 13818-2 MPEG2

MP@HL

ISO/IEC 14496 MPEG4

compliant Support SP@L3 to

ASP@L5

ISO/IEC 14496-10 AVC,

HP@level 4.1, MP@level 4.1

H.264 profile 0

JPEG base-line, progressive

## Aspect Ratio

16:9 wide screen, 4:3 letter box,

4:3 pan scan, support AFD(DTG,

MingDTG)

## Resolution:

1080i, up to 1080p@30FPS



## Audio encoder:

MPEG1 layer1/2, MPEGII

Layer II, AAC LC, HE-AAC v1/V2 (2-CH)

Output frequency range:

174~233MHZ(VHF III), 470 -858 [MHZ](UHF)

Output impedance: 50 [Ω]

Input impedance: (Loop to Output) 50 [Ω]

Forward Error Correction:

(FEC) 1/2,2/3,3/4, 5/6, 7/8

Guard Interval:

1/4,1/8,1/16,1/32

RF Output Level:

Default: 90 dBμV

Adjustable:

0 to -14 dB, 0 to + 6 dB

Band Wide:

7MHZ(VHF),8MHZ(UHF)



## PRODUCER:

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