



## CT167S2 *J83A Encoder Modulator*

### Product Overview :

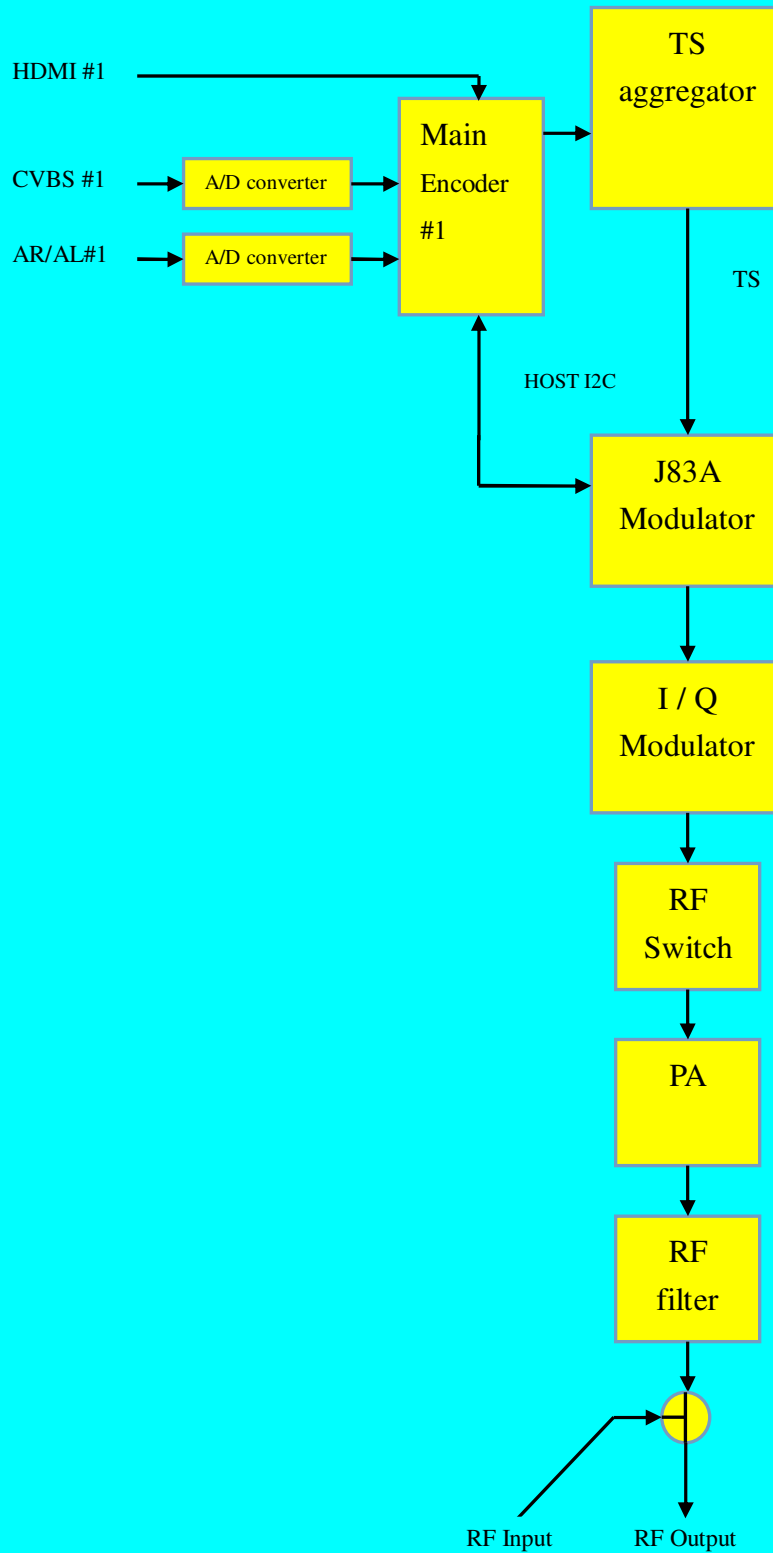
The HD Encoder Modulator supports CVBS/HDMI input, 1 RF F female input, and 1 RF F female output .

After coded and modulated, the input signal can be directly output with original TV signal.

It can be widely used in security,home entertainment, protection monitoring, hotel LCD panels, shopping mall advertising etc..



# Principle Chart



## Specifications

### Encoding

<b>Video(HDMI)</b>	
Encoding	MPEG4 H.264/ AVC
Interface	HDMI*1 (Type A receptacle)
Resolution	720P , 1080P
Aspect Ratio	4:3 ; 16:9
<b>Audio(HDMI)</b>	
Encoding	MPEG-1 Layer II(AAC-LC/ADPCM)
Interface	HDMI*1
Sample rate	32 ~192KHz
<b>Video(CVBS)</b>	
Encoding	MPEG4 H.264/ AVC
Interface	CVBS*1(RCA)
Resolution	CVBS : 720*576 50i , 720*480 60i
<b>Audio(L/R)</b>	
Encoding	MPEG-1 Layer II(AAC-LC/ADPCM)
Interface	Stereo*2(RCA)
Sample rate	32 ~192KHz

### Modulation

Standard	ITU-T J.83A
Symbol rate	5.0 ~ 7.2 M
Constellation	16QAM~256QAM

### System

Local interface	LCD+control buttons
Language	English

### Output

Frequency range	100 ~ 861MHz
Output level	60 ~105dBuV
MER	≥40dB
Connector type	'F' female

### General

Dimensions	168*118*42
Weight	700g
Power supply	DC 12V
Operation temperature	0 ~ 50°C

### Mixing : RF IN (EXT CABLE)

Frequency range	50~816MHz
Insertion loss	3.7dB
Isolation	18dB
Connector type	'F' female