



**CT168E1**

***ISDB-T & DVB-T/6M***

***Encoder Modulator***

**Product Overview :**

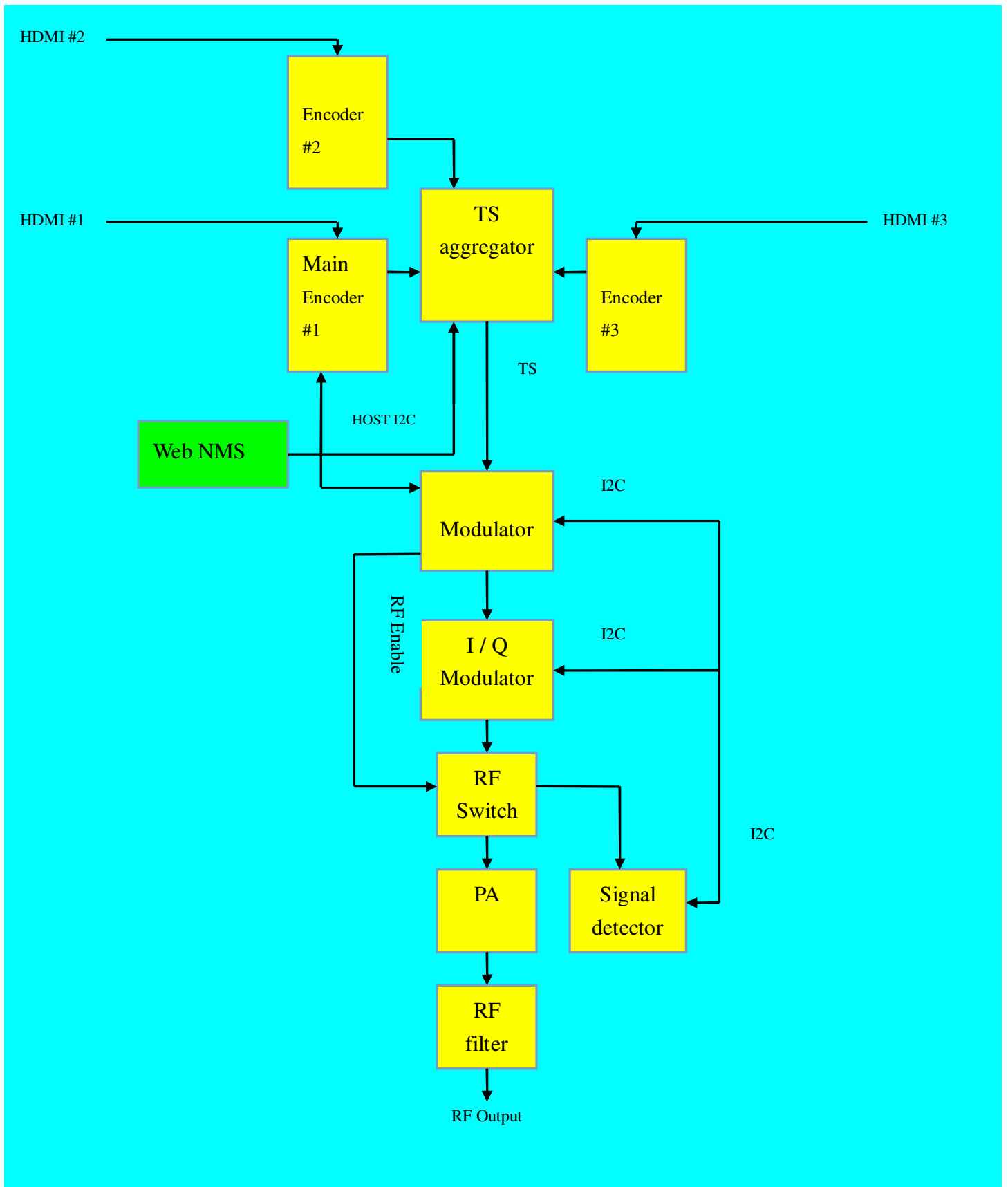
**The Encoder Modulator supports 3 HDMI input and 1 RF F female output.**

**A channel can carry up to three high-definition programming.**

**After coded and modulated, the input signal can be directly output or mixed 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

Video(HDMI)	
Encoding	MPEG4 H.264/ AVC
Interface	HDMI*3 (Type A receptacle)
Resolution	1920*1080 60p, 1920*1080 50p
Aspect Ratio	4:3 ; 16:9
Audio(HDMI)	
Encoding	MPEG-1 Layer II(AAC-LC/ADPCM)
Interface	HDMI*3
Sample rate	32 ~192KHz

### Modulation

	ISDB-T	DVB-T/6M
Standard	ARIB STD-B31	ETSI EN300744
FFT mode	8K	8K
Bandwidth	6M	6M
Constellation	64QAM	64QAM
Guard interval	1/32	1/32
Code rate	5/6	5/6
Frequency range	177.143~213.143 473.143~887.143MHz	177~213 473~803 MHz

### System

Local interface	LCD+control buttons
Remote management	Web NMS
NMS Interface	RJ45
Language	English

### Output

Output level	90 ~105dBuV
MER	≥40dB
Connector type	'F' female

### General

Dimensions	438*152*43
Weight	1.09kg
Power supply	AC 100 ~ 240V
Operation temperature	0 ~ 50°C