



CT168D2i *DVB-T Encoder Modulator*

Product Overview :

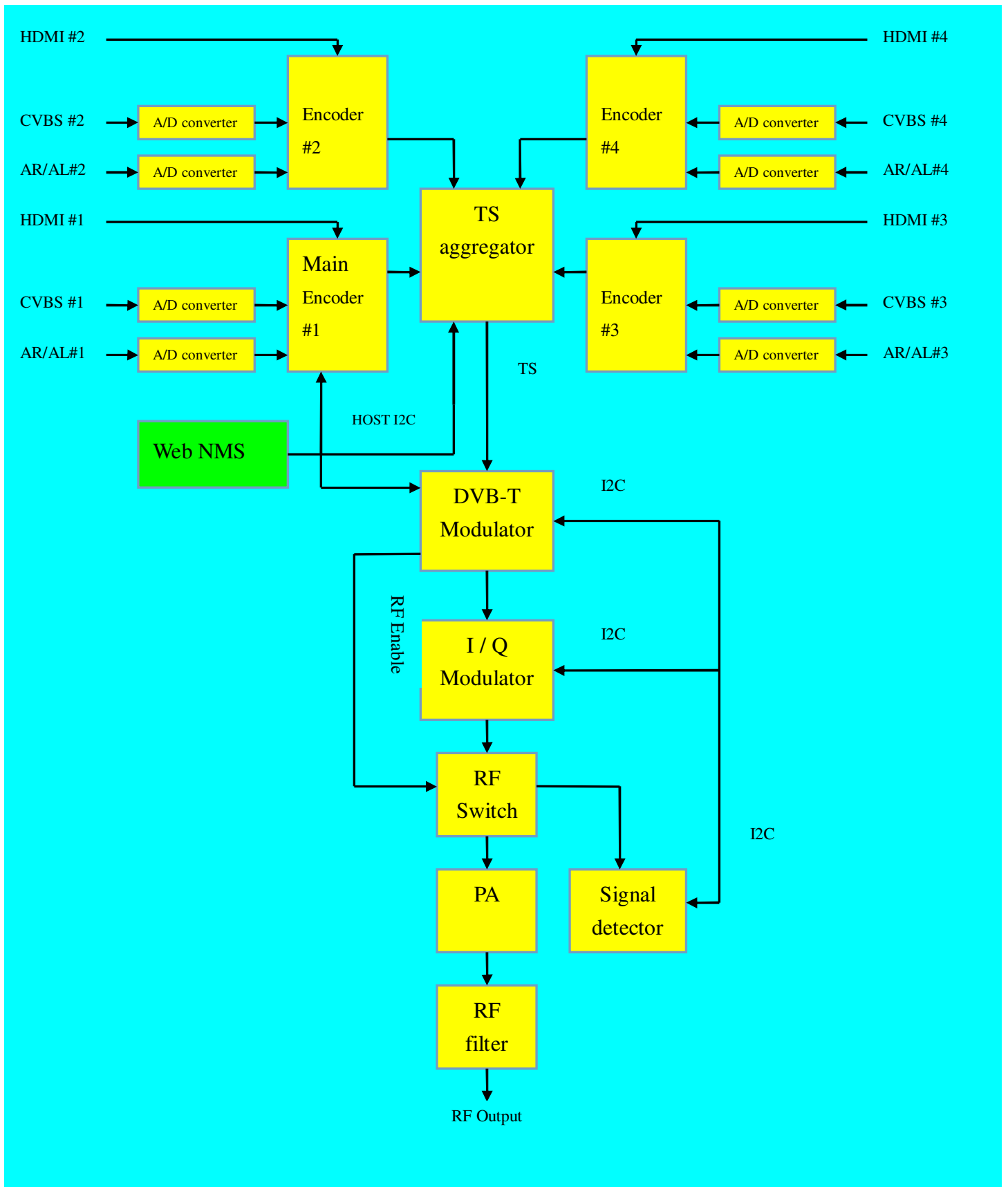
The Encoder Modulator supports 4 CVBS, 4 HDMI input and 1 RF F female output.

A channel can carry up to four 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*4 (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*4
Sample rate	32 ~192KHz

Video(CVBS)

Encoding	MPEG4 H.264/ AVC
Interface	CVBS*4 (RCA)
Resolution	CVBS : 720*576 50i , 720*480 60i

Audio(L/R)

Encoding	MPEG-1 Layer II(AAC-LC/ADPCM)
Interface	Stereo*4(RCA)
Sample rate	32 ~192KHz

Modulation

Standard	ETSI EN300744
FFT mode	8K
Bandwidth	6M 、 7M 、 8M
Constellation	64QAM
Guard interval	1/32
Code rate	7/8

System

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

Output

Frequency range	100 ~ 860MHz
Output level	90 ~105dBuV
MER	≥40dB
Connector type	'F' female

General

Dimensions	438*152*43
Weight	1.15kg
Power supply	AC 100 ~ 240V
Operation temperature	0 ~ 50°C

Note:

The CT168D2i video source types: HDMI or CVBS

Notice before installation.

I. Connect video source before the modulator is power on and each channel can select one video source type only, HDMI or CVBS.

II. To change video source while the modulator is in use, please follow the steps below.

- 1) Power off the modulator.
- 2) Make sure the modulator is power off before change video source.
- 3) Power on the modulator after finishing changing video source.
