

# FUBOX-11C

## DVB-C SD MPEG2 SET TOP BOX



### Key Features

- | The device meets the DVB standard and supports English and Chinese interfacing as well as multi condition receiving system,
- | PAL/NTSC auto switching, EPG pre-viewing.
- | Power- off memory function.
- | Contains the Locking functions, LED display.
- | single voice channel, dual voice channel and stereo channels.
- | Contains a range of games and supports Loader technology.
- | on-line upgrade, on display of advertises and advertise menu.
- | Support broadcasting.

- I Support receiving Mosaic effect program.
- I support 5 ways advertisement ( if choose to use ADS system)
- support 500 channels memory
- I subtitile available

## Specifications

Item	Specs
Input frequency	87-862MHz
input Level	40dB-90dB
Input reflecting loss	>8dB
Input Resistance	75
modulation	16QAM32QAM64QAM128QAM256QAM
symbol rate	3.6---6.952Mbauds
bandwidth	8MHz
Decoding mode	MPEG-I MPEG-2 mpeg4 MP@ML
Resolution	720x576(PAL)720x480(NTSC)
Picture output	1VP-P 75
C/N	<26db 64qam <33dB 256qam
CPU	HM1521
Flash	2 MByte
RAM	16MByte
Tuner	NXP18250
CAS	FMUSER 5.1

Frequency capture range	$\pm 150\text{KHz}$ 64QAM,6.875Mbaud
Audio decoding	MPEG-1-Audio Layer / MPEG-2-Audio Mono / stereo
Audio sampling rate	32,44.1,48KHz
PCR jitter adaptive capacity	$>500\text{ns}$ , $<-500\text{ns}$
Boot time	$<30\text{S}$
The channel switching time	$< 2.5\text{S}$
storable programs	1000
<b>audio output</b>	
audio output level	$0 \pm 6 \text{ dBu}$ 600 load
audio distortion degree	$< 1.5\%$
audio amplitude frequency characteristics	$+1/-2 \text{ dB}$ 60Hz - 18KHz
audio signal to noise ratio	$> 70\text{dB}$
channel about phase difference	less than 5 degree 60Hz - 18KHz
audio channel about difference of level	$< 0.5\text{dB}$ 60Hz ~ 18KHz
audio channel about crosstalk	$< -70\text{dB}$
audio video time difference	90- -185ms
<b>video output</b>	
video output	$700 \pm 30\text{mVp-p}$ analog composite video
video synchronous amplitude	$300 \pm 20\text{mVp-p}$ analog composite video
video frequency amplitude characteristic	$\pm 0.8 \text{ dB}$ (under 4.8mhz)
	$\pm 1 \text{ dB}$ (4.8-5mhz)
	$+0.5/-4 \text{ dB}$ 4.8MHz 5.5mhz

video signal to noise ratio	(weighted) > 56 dB analog composite video
K coefficient	< 4% analog composite video
differential gain (P-P)	< 8% analog composite video
differential phase (P-P)	< 8 analog composite video
luminance non-linear	± 8% analog composite video
color / brightness gain difference	± 5% analog composite video
color / luminance delay inequality	< 50ns analog composite video
Voltage	100-250V 50/60Hz
Power	<12W
Casing	Metal
Size	21.7CM×15.6CM×3.4CM
Work Temperature	0-45