



WINSAT TECHNOLOGY LIMITED

Add: 5F,Building A2,Number 34 Changfa WEST Road,Bantian Street,
Longgang Dis Shenzhen Guangdong China

FREESAT V7 HD(DVB-S2)

I. Brief Function:

- 1, 1080P Full HD DVB-S2
- 2, Support PowerVu,DRE & Biss key
- 3, Support USB PVR Ready and USB wifi to Network Sharing
- 4, Support Full speed USB 3G dongle
- 5, Support YouTube, Youporn via usb Wifi dongle
- 6, Support Cccam, Newcam via usb Wifi dongle
- 7, Technical support website: www.freesat.cn/forum/

Note: We reserve the right to change the design and OEM/ODM supported

II. Picture



Product Size (MM)	110*70*20 (L*W*H)	Packaging	20 pcs/ctn
Gift Box size(mm)	203*154*59MM	Carton	430*335*320MM
Panel display	Yes	Display Color	Green
Button	CH+/CH-/VOL+/VOL-		
USB	1 x USB 2.0 High Speed Host		
IR	Exit IR for 38KHz		
Output Interface	LNB IN*1, HD OUT, USB, AV, Power supply		
HDMI	HDMI(up to 1080P) output		

III. Main Features:

Standard	DVB-S/S2 Compliant
Encrypt	yes
Video Modulator	yes
Power Supply	Input DC 12V/1.2A
Video Decode	AC-3,MPEG-2 MP@HL;H.264 BP MP&HP@L4.1;AVS profile@L6.1/4.0/2.0
PAL/NTSC	Automatic PAL/NTSC conversion
Channels Number	3000 channels TV and Radio programmable
Favorites	8 different favorite groups selection
OSD Language	English German French Portuguese Spanish Italian Russian Turkish Polish
EPG	Fully support to 7 days Electronic Program Guide(EPG)
Picture	JPEG,BMP,PNG,GIF Supported
OSD Color	16-bit OSD with anti-flickering
Channel Search	Channel search in automatic, manual and network search
Channel Edit	Various channel editing function(favorite,move,lock,skip,delete,rename,find,so
Parental Ctrl	Parental control for channels
Easy Menu	Plug and Play installation, with an easy to use Menu System
SoftUpgrade	Software upgrade through USB
Time Set	Time set by GMT offset automatic and manual,Summer Time support
Timer	5 event timers,off/Once/Daily/Weekly Mode
Subtitle	Subtitle support
Teletext	VBI insertion for Teletext
Save Channel	Automatic save for last channel



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IV.Electric Performance

1.Memory Size:

Flash Memory	32MB Serial Flash
DDR2 Memory	512M Bits

2.DVB-S2 Tuner

Input Frequency Range	950MHZ-2150MHZ
Input Impedance	75Ω
RF input Signal LEVEL	-80/-20dBm
Active Ant Power	13/18V DC @ 400mA MAX,Overload Protection

3.DVB-S2 Channel Decode

Demod standard	DVB-S2 Standard
MPEG Profile Level	AC-3,MPEG-2 MP@HL;H.264 BP MP&HP@L4.1
Demodulation	QPSK,8PSK,16APSK,32APSK

4.USB Decode

PVR	Support
Media Supporting	USB media player to playback the media in USB flash disk or USB HDD or
File system	FAT32, NTFS (only support first partition)
USB	PVR with USB HDD, Time shifting with USB HDD
USB Wifi	Support (RT5370 module)

5.Multimedia support format

movie	mkv, mp4, avi, flv, f4v, ts, m2ts, mov, 3gp
music	mp3
photo	JPG, BMP, PNG, GIF

6.Video Decode

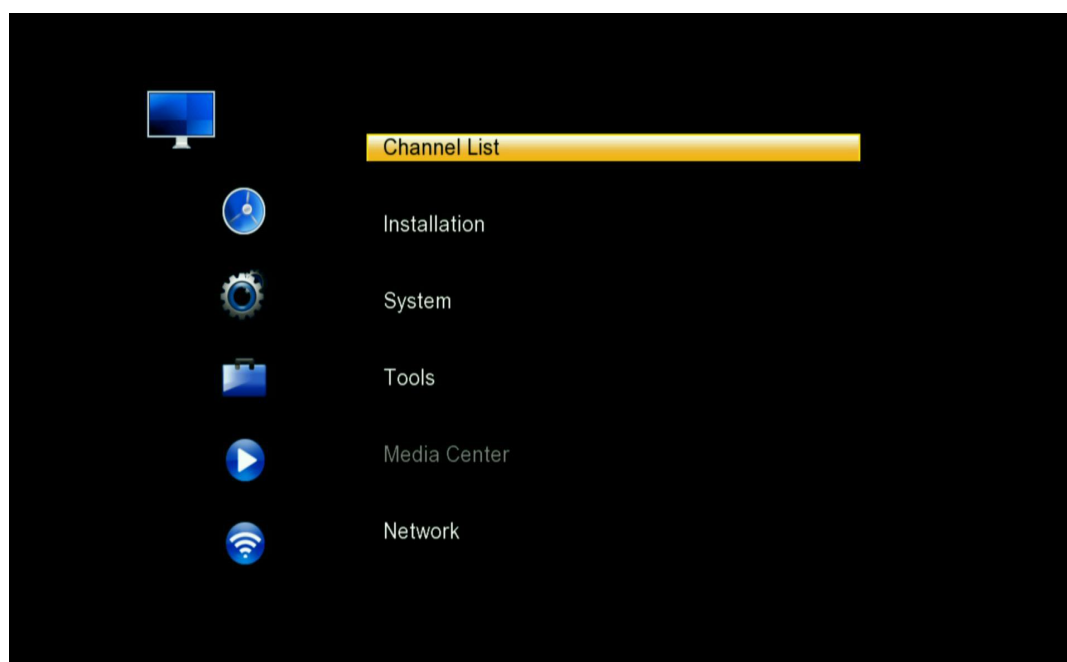
Video Decode	High Definition MPEG4 AVC/H.264 HP@L4.1,MPEG-2 MP@HL/ML
Aspect Ratio	Auto, 16:9 Pillar box, 4:3 Pan & Scan, 4:3 Letter Box

7.Audio Decode

Audio Decode	MPEG1 layer I, MPEG1 layer II, MPEG1 layer III, MPEG2 AAC, MPEG4 HE-A
Sound Mode	LEFT/RIGHT/STEREO/MONO
Sampling Frequency	32KHz, 44.1KHz, 48KHz

8.Environment

Input Voltage	Input 110V ~240V, 50/60Hz DC12V/1.2A
Consumption	10W Max
Temperature	0℃ to +50℃
Humidity	<95%



Installation

Satellite

52 W11.00 EXPRESS A

53 W8.00 ATLANTIC B

54 W4.00 AMOS 2,3

55 E 70.30 NSS 703

56 E 138.00 TELSTAR 1

57 E 83.00 INSAT 2E

58 E 66.00 C_INTELSA

59 E 38.00 C_PAKSAT

C_PAKSAT

LNB Freq5150

DiSEqC1.0Disable

DiSEqC1.1Disable

22KOff

LNB PowerAuto

Motor SetupNone

Signal Intensity

60%

Signal Quality

0%

Add

Edit

Delete

Scan

Transponder

OK

Select

Info

Select All

Exit

Exit

System

Language

AV Setting

Local Time Setting

Timer Setting

Parental Lock

OSD Setting

Favorite

Other

Key Edit

