

# SatelliteDish.com 954-941-8883



## Key Features

- Fully HD up to 1080i/p
- WIFI Support
- Ethernet interface - Firmware, data updating
- BISS CAS Embedded
- Operate with SMS Control System
- Twin USB PVR ready - PVR/Time-shift/updating
- UHF Ready(U-50 Kit Optional)
- SPDI/F Output (Digital Audio Output)
- Network TV supported(URL IP Streaming Player)

## Main Features

- Fully Compliant of DVB-S &DVB-S2(QPSK/8PSK/16APSK/32APSK) Digital & DVB broadcasting
- Supports MPEG2/ MPEG4 AVC HP@level4.1,MP@level 4.1/H.264,VC-1,VP8,AVS
- High Definition Video output : Digital Output and Y Pb Pr
- Full HD Resolution supported: 1080p,1080i,720p ,576p,576i,480p,480i
- Audio Decoding :ISO/IEC 13818-3
- Satellite Tuner, 950-2150 MHz input Frequency (IF Loop Throughout),Symbol rate 1~45Msps
- Very fast Smart Search(Blind Scan)
- Flexible reception of SCPC & MCPC from C/Ku-Band Satellites
- Demodulation : QPSK/8PSK/16APSK/32APSK
- Twin USB PVR ready
- FAT16/FAT32/NTFS,Format function ,Recording,Playback,EPG Time record,Time shifted recording
- USB PVR ready (FAT16/FAT32/NTFS,Format function ,Recording,Playback,EPG Time record)
- Two USB 2.0 Host Interface- Multimedia Application : Movie,Music, Photo and Firmware Update
- Multimedia files playback by USB2.0(BMP/JPG/Ogg/MP3(option))
- Fast Channel Change(<1 second)
- Satellite Scan-Simultaneous Scan,Manual PID/Satellite &TP/Network Scan
- Supports DVB subtitle
- 10000 Channels TV &Radio Program
- Timer setting supports automatic Turn-ON and OFF daily
- User-friendly EPG(Electronic Program Guide)

- Multi language on screen menu(OSD)
- Up to True full Color(32bits) on screen display(OSD)
- Powerful Channel Editing Function(Favorite,Move,Find,Sort,Delete,Skip,Lock>Edit,Create)
- Automatic PAL/NTSC Conversion
- 8 Favorite List
- PIG (Picture In Graphic) ,Zoom Function
- Screen Format : auto,4:3,16:9
- Software Upgrade through USB ,Ethernet and RS-232C (Receiver to Receiver, PC to Receiver)
- Hardware Copy Protection
- Multiple LNB switching control :Diseqc 1.0/Diseqc 1.2 and USALS Compatible
- Network :10/100M Full /Half Duplex Ethernet Interface supported,Supports RMI interface
- Management Subscription

**Satellite Tuner**

- Input Connector: F-type,IEC169-24
- Frequency Range: 950MHz to 2150MHz
- Input Level: -65 dBm~-25 dBm
- LNB Power: 14V/19V (400mA Max)
- Symbol Rate: 1 to 45Msps.(SCPC,MCPC)
- DiSEqc: Diseqc 1.2 & USALS Compatible
- Band Switch: 22KHz tone
- Demodulation: QPSK/8PSK/16APSK/32APSK
- Viterbi Decoding Rate: 1/2,2/3,3/4,5/6,7/8
- Reed Solomon Decoding: FEC 204,188,t=8

**Transport Stream A/V Decoding**

- Demultiplex: MPEG-2 ISO/IEC 13818-1(MPEG-2 system)
- Input stream: Max. 135Mbps in serial mode, 400Mbps in parallel mode
- Aspect Ratio: 4:3(default), 16:9 letterbox
- Video Decoding: MPEG 2/4, H.264 ,VC-1,AVS,VP8, Full HD Decode/ISO/IEC13818-3 Digital Audio Decoding
- Video Resolution: 480i/p or 576i/p, 720p, 1080i,1080p
- Audio Decoding: ISO/IEC13818-3 Digital Audio Decoding
- Video Output: Digital Output, CVBS,YPbPr
- Audio Mode: Single Channel /Dual Channel, Stereo, Joint Stereo

**Main CPU & Memories**

- CPU: ALI M3516 Dual 32-bit RISC CPU
- Flash Memory: 4 Mbyte
- External Memory Interface: DDR-3 , 256Mbyte

**Data Port**

- Connector: 9 Pin D-Sub Type
- Protocol: RS232 Asynchronous
- Data Rate: Max. 115200 bps

**A/V Output**

- Digital output: Digital Output, YPbPr
- RCA A/V: CVBS,Audio Left.Right ,Component(Y,Pb,Pr)

**Rear Panel**

- Digital output Digital Output , Type A
- SPDI/F: Optical Output
- 6RCA: Video, Audio L, Audio R, YPbPr
- 1 Tuner: 1 input & 1 Loopout
- RJ-45+USB: Ethernet+USB2.0

- Data Port: 9 Pin D-Sub Type (Skew Control Kit Optional)
  - UHF: Stereo Jack
  - Power Switch: Rocker Switch
- Front Panel**
- 8 Key: PWR,CH Up/Down, Volume Up/Down,Menu,Ok,Exit
  - Display: 4 Digit 7 Segment Display
  - USB: 1 Host USB2.0
- Remote Control**
- Type: IR RCU
  - Battery: 2x1.5V AAA Type
- Power Supply**
- Input Voltage: AC 90-250V, 50/60Hz
  - Type: SMPS ,AC Plug
  - Power Consumption: Max. 20 Watts
- Physical Specification**
- Operating temp.: 0 ~45
  - Dimension (WxDxH) / Weight: 260mm x 153mm x 45mm
  - Weight: 1.1Kg
  - Accessories: Digital Output Cable