

SatelliteDish.com 954-941-8883



Key Features

- Dual Input (Satellite and Terrestrial)
- WiFi Support
- ATSC High Definition
- 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)
- SPDIF 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/IEC13818-3(MPEG-1 layers I, II and III), Dolby AC-3,AAC,HE-AAC
- Satellite Tuner, 950-2150 MHz input Frequency (IF Loop Throughout),Symbol rate 1~45Msps
- ATSC Mode :8/16-VSB,ITU-T J.83 AnnexB 64/256QAM
- ATSC Frequency range :43MHz to 1002MHz
- Very fast Smart Search(Blind Scan)
- Flexible reception of SCPC & MCPC from C/Ku-Band Satellites
- Demodulation : QPSK/8PSK/16APSK/32APSK
- 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))
- 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
- Management Subscription
- Network :10/100M Full /Half Duplex Ethernet Interface supported,Supports RMII interface

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 Diseqc 1.0,1.2 & USALS Compatible
- Demodulation: DVB-S/S2, QPSK/8PSK/16APSK/32APSK
- Viterbi Decoding Rate: 1/2,2/3,3/4,5/6,7/8

ATSC Tuner

- 1RF Input Connector: F-Female,IEC169-24, Loop-through output
- Frequency Range: 43MHz to 1002MHz
- Sensitivity: 10dBm ~ -84dBm (ATSC 15dB SNR)
- IF Frequency: Low IF 4~8MHz , 36,44MHz
- Mode: 8/16-VSB,ITU-T J.83 AnnexB 64/256QAM

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/Audio 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
- 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/Data Rate: RS232 Asynchronous /Max. 115200 bps

A/V Output

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

Rear Panel

- Digital Output / 6RCA: Digital Output , Type A /Video, Audio L, Audio R, YPbPr
- SPDI/F: Optical output
- 1 Satellite /1ATSC Tuner: 1 input & 1 Loopout
- RJ-45+USB /UHF: Ethernet+USB2.0 /Stereo Jack
- Data Port: 9 Pin D-Sub Type (Skew Control Kit Optional)
- 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 / Max. 20Watts
- Type: SMPS ,AC Plug

Physical Specification

- Operating temp.: 0 ~45
- Dimension (WxDxH) / Weight: 260mm x 153mm x 45mm / 1.1Kg