

Full HD (1080p) MPEG-4 FTA DVB-T PVR Set-Top Box

Samsoni

BS8500 HD Receiver



Key Features

- MPEG4 SD, MPEG4 HD, H.264/AVC SD, H.264/AVC HD, FULL HD (1080p)
- SCPC and MCPC receivable from C/Ku band satellite
- 5000 channels TV and Radio programmable
- 4 different favorite groups selection
- Multi-language OSD (English, French, German, Italian, Spanish, Portuguese, Russian, Turkish, Arabic, Polish etc)
- Fully support to 7 days Electronic Program Guide(EPG)
- Picture in Graphics(PIG) support
- True color On Screen Display
- Automatic network search for newly added transponders
- DiSEqC 1.2 fully support, 13/18V, 0/22K, 0/12V LNB control
- Various channel editing functions(favorite, moving, locking, renaming, deleting and sorting)
- Parental control for channels
- Support USB upgrade
- 8 Timer Reservations, automatically switch to a specific channel
- Subtitle support DVB EN300743 and EBU
- Teletext support DVB ETS300472 by VBI and OSD
- Automatic save for last channel
- Channel list can be sorted by alphabetic A-Z, Scramble, Favorite, Lock, Sat
- Support FAT16/FAT32/FAT12
- List display for JPEG/BMP files
- 480i/p, 576i/p, 720p, 1080i, 1080p with HDCP copy protection
- 1 recording, then still can Timeshift



Specifications

System Resource Information

CPU/Decoder	Mstar7816
Flash Memory	1PC 32Mbit/4Mbyte
SDRAM Memory	DDRII SDRAM 2X64Mbyte

DVB-S2 Tuner & Demodulator

Frequency Range	950 ~ 2150MHz
Input Impedance	75Ω
LNB Power and Polarization	Vertical 13VDC;Horizontal 18VDC @ 400mA (max) 22KHz±0.4KHz(0.6V±0.2V)tone, Overload Protection
Input Level Range	-65dBm ~ -25dBm
Loop-Through	Signal loop through
DVBS Demod standard	DVB-S,DVB-S2
DVBS Demodulation	QPSK, 8PSK
DVBS Symbol Rate	2 ~ 90MSPS (Code Rate 1/2)
DVBS Code Rate	1/2,2/3,3/4,5/6,7/8 for DVBS, 1/4,1/3,2/5,1/2,3/5,2/3,3/4,5/6,8/9,9/10 for DVBS2

MPEG TS AV Decoding

Demultiplexer	MPEG4 ISO/IEC 13818-1
Input Bit Rate	Max 100Mbit/s
Video Decode	MPEG2 ISO/IEC 13818-2 MP@ML, H.264(MPEG4 part 10) main and high profile level 4.1/MPEG-2 MP@HL
Aspect Ratio	4:3、16:9
Video Resolution	1920×1080,1280×720,720×480, 1080p
Audio Decode	MPEG-1 layerI/II, PCM downmix, IEC958 SPDIF, Dolby 5.1 channel, Dolby downmix 2 channel, Dolby Prologic2
Sound Mode	LEFT/RIGHT/STEREO/MONO
Sampling Frequency	32KHz、44.1KHz、48KHz

AV and Data Output

USB 2.0 Host Interface	Firmware upgrade & USB PVR
COAXIAL	DIGITAL AUDIO
TV SCART	21 PIN Female, CVBS, RGB, Audio L/R
HDMI	19 PIN Female HDMI 1.2

Environment

Input Voltage	AC 100~240V, 50Hz/60Hz
Consumption	Max 22W (Under 1W in Standby Mode)
Temperature	0~40°C
Dimension	170*95*35mm
Net Weight	2 LBS

Samsoni

BS-8500

Full HD
1080



Key Features

MPEG-4 HDTV 1080P Compliant

MP Layer I and II, CD Quality Audio Sound

USB port for software upgrade and multimedia file play on USB disk

Offering 4,000 TV and Radio channels

Small and Compact design

S/W loader and Channel Editor



<http://www.ftasatellite.com>
webmaster@ftasatellite.com