

Hybrid HD Receiver – 5000 serie

SGS-51xx

| 1 DVB-x front-end | 1 ethernet port | PVR/time-shift capable | 1 USB |

Hybrid HD Digital Decoder



The SGS-51xx is a hybrid High-Definition digital video receiver. It is equipped with one digital DVB-x front-end (DB-S2/S, DVB-T2/T or DVB-C) and can provide seamless access to Internet services for either OTT services or for full operator dedicated IP-TV services, together with reception of full broadcast bouquet. It has been designed in order to support a large variety of conditional access and content protection solutions. It can be upgraded to a Digital Video Recorder by connecting a USB external HDD. Adding an USB memory stick also allows having Pause and Time-Shift TV solution in a cost effective manner. The SGS-51xx is an ideal quality entry-point decoder or a low cost “second room” STB.

Access

Accessories

Smart grid

Video

www.siligence.com

SGS-51xx

| 1 DVB-x front-end | 1 ethernet Port | PVR/time-shift capable | 1 USB |

System configuration

- STi 7105 SoC
- 256MB DDR3
- 128MB NAND Flash extensible up to 512MB
- 4MB NOR Flash
- Optional 4KB EEPROM

Video Decoding

- MPEG4 AVC HP@L4 up to 80Mb/s - VBR
- MPEG2 up to MP@ML and 60Mb/s - VBR
- DIVX 4, 5 and 6, XVID (MPEG4 Part 2)
- WM9 Main Profile and High Level
- Resolution up to 1920x1080i @ 60/50Hz
- Upscale and Downscale on HDMI
- Frame rate up to 30Hz at 1080 lines interl.
- Video GOP up to 48
- Subtitles srt, .sub, .ssa/.ass, .smi, .xml
- Picture formats JPEG, BMP, GIF, GIFF, PNG

Audio Decoding

- MPEG1 Layer II single/Dual channel
- MP3, MPEG4 LC AAC 5.1
- WMA9 2.0
- Dolby Digital
- Linear PCM
- Sampling up to 48KHz
- SPDIF audio delay adjustable up to 200ms

Front-end / Network

- One DVB-S2/S, DVB-T2/T DVB-C tuner and demod
- One Ethernet 10/100 Base T

Security

- Smart card reader
- Compatible with several CA and DRM systems

Rear Panel

- 1 socket RJ45- 10/100 Base T auto MDIX
- 1 Antenna connected
- HDMI 1.3
- HDMI CEC partial support
- 1 Optical SPDIF
- 2 CINCH analog audio Left/Right
- 1 CINCH video CVBS
- 1 phone jack connector for IR extender
- 1 DC power jack connector

Front Panel

- 1 USB 2.0 Host
- IR receiver
- LED Red/Green

Regulatory approvals and Compliance

- FCC part 15 class B
- CE
- UL, CB or LVD
- ROHS

Accessories

- IR remote control
- User manual
- Ethernet cable
- External power supply
- Optional : HDMI cable, IR extender

Power

- External power supply
- Input 100-240V AC +/-10%
- Output 12V DC / 1A
- Temperature 0 to 40°C (32 to 96°F)
- Humidity 20% to 90% (non-condensing)

Mechanical design

- 100 (W) x 33 (H) x 158.5 (D) mm
- Cabinet white

