

1920*1028
Pixels

Connect By
LAN or WiFi



Quad Core
CPU & GPU

Android 4.4
OS

8Gb RAM
32Gb ROM

H.265 Hard
Decoding

SD/HD MAX
1920*1080P

Datasheet V1.1.5

SIV1006S HD IPTV Box:

The SIV1006S is an Internet TV Box built with quad core CPU & GPU. It provides a HDMI port for outputting HD video to TV sets. Embedded with Android 4.4 OS, the software of SIV1006S is highly customizable. It can interoperate with any IPTV headend and middleware to implement Tvod, Vod, Billing features and encode different TV channels.

The SIV1006S offers 4 USB ports, users can play Internet gaming with USB keypad and Mouse. It also comes with an IR remote controller for TV programs. Its system can be built with your own Apps (E.g. Market for APP download) for value added services.

Main Advantages

- Quad Core CPU & GPU, 4 times faster processing
- Full HD output, Max resolution: 1920*1080 pixels
- Android 4.4 Operating System, can build-in your own APPs as you wish.
- Hardware H.265 Processing, highly efficient video coding for HD video contents
- Interoperable with universal IPTV headend/middleware, TV programs all through Internet
- Hardware 3D graphics acceleration, facile 3D internet gaming

- 8Gb DDR3 RAM, support Max 16Gb RAM
- 32Gb Flash, expandable through Mini-SD slot and USB HDD

Technical Parameters

Software Parameters

Built on Android 4.4 Operating System
 Hard decoding for H.265, max resolution: 1920*1080 pixels
 Hardware 3D graphics acceleration
 Interoperable with any IPTV headend/middleware solutions
 Video streaming address hardcoding in IPTV APP
 SRT/SMI/SUB/SSA/IDX+USB Subtitles
 HDD file system: FAT16/FAT32/NTFS
 Photo formats: HD Jpeg/ Bmp/Gif/Png/Tiff

Video codecs:

HD Mpeg1 / 2 / 4, H.265, HD Avc/Vc-1, Rm / Rmvb, Xvid / DivX3 / 4 / 5 / 6, RealVideo 8 / 9 / 10

Media formats:

Avi / Rm / Rmvb / Ts / Vob / Mkv / Mov / ISO / wmv / asf / flv / dat / mpg / mpeg
 Music formats: Mp3 / Wma / Aac / Wav / Ogg / Ac3 / Ddp / TrueHD / Dts / Dts HD / Flac AC / APE
 Dolby TrueHD / DTS HD bypass through HDMI

Default Android Apps:

Google Play, Gmail, Chrome, Skype, Youtube, Skype, Picasa, Drive, Google+, etc

Hardware Parameters

Amlogic S805 Quad Core Processor Cortex-A5 at 1.5Ghz
 GPU: Quad-Core Mali-450 at 600MHz+
 8Gb DDR3 SDRAM, 32Gb Nand Flash
 HD video output: SD/HD max.1920*1080 pixels
 IR Remote controller for TV programs.
 Mini-SD Slot: Mini-SD cards
 HDMI Port: HDMI 1.4b with CEC
 Standard AV port for TV outputs
 SPDIF/IEC958 Coaxial connectors
 Ethernet LAN:10/100Base-Tx LAN
 Wireless LAN: IEEE802.11b/g/n WiFi Client
 4*USB 2.0 ports: support USB Keypad, USB Mouse, Wireless USB Mouse, U Disk and USB HDD
 Hardware processing for H.265,
 Hardware 3D graphics acceleration
 Compact housing with good cooling effect
 Multi-color LED Indicator: Blue for operation, Red for standby
 IR remote controller
 Power Supply: 12V, 1A

Hardware Interfaces:

HDMI port * 1
 USB 2.0 Ports * 4
 AV port * 1
 Spdif port * 1
 Mini-SD slot * 1
 10/100Base-Tx LAN Ports * 1
 IEEE802.11b/g/n WiFi module * 1
 Power Jack * 1
 Dual Color LED * 1



Management

Uboot firmware update:

- Through Remote Controller
- Through USB checksum
- Through USB keypad and Mouse

HTTP Firmware Provisioning:

- Patching HTTP provisioning
- Overall HTTP provisioning

Software Customization:

Android OS customizable, support remain/remove any APPs and adding specific features

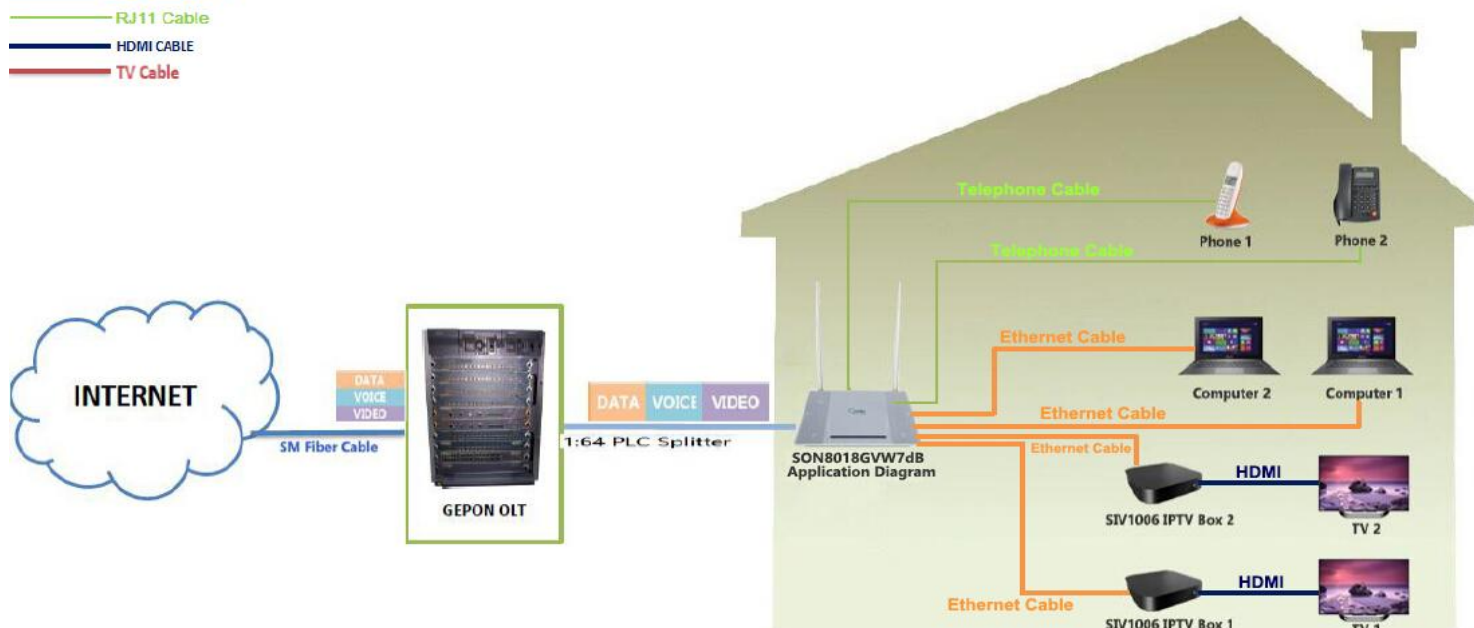
Android APP customizable, support build-in your own Android market and Apps

IPTV App customizable, support customize an IPTV App for interoperation with IPTV middleware

SIV1006S Application

Application Diagram

- Single Mode Fiber Cable
- PLC Splitter
- Ethernet Cable
- RJ11 Cable
- HDMI CABLE
- TV Cable



Packaging Information

SIV1006S IPTV Box * 1 PC

HDMI Cable, 1.5m* 1 PC

AV Cable, 1.5m * 1 PC

DC 12V, 1A Power Supply * 1 PC

IR Remote Controller (No batteries) * 1 PC

Order Information

Model NO.	Product Description
SIV1006S	Quad Core Android IPTV Box