**S905 Quad Core CPU**

**3840*2160 Pixels**

**Quad Core Processor**

**Android 5.1 OS**

**1GB DDR3 8GB EMMC**

**Connecting through LAN or WiFi**

**Penta-Core Mali-450 Up to 750Mhz+**

Datasheet V1.1.3

## SIV1008S Android TV Box:

The SIV1008S is an Android TV box built with the latest Amlogic S905 Quad Core processor. It is an Internet TV box that supports Full High Definition such as MVC/MPEG-1/2/4 VC-1/WMV/AVS/AVS+/RealVideo/MJPEG/H.264/H.265-10/JPEG and so on. It can interoperate with any IPTV headend and middleware to implement Tvod, Vod, Billing features and encode different TV channels. The SIV1008S comes with 2 high speed USB ports, it can be managed/controlled with an IR Remote Controller or USB keyboard and mouse. Its system can be built with your own Apps (E.g. Market for APP download) for value added services.

## Main Features:

- Built with Amlogic S905 Quad Core Processor 64-bit Cortex-A53up to 2.0GHz
- Support FHD such as MVC/MPEG-1/2/4 VC-1/WMV/AVS/AVS+/Real Video/MJPEG/H.264/H.265-10/JPEG, max resolution: 3840 X 2160 pixels
- Built on Android 5.1 Operating System,
- GPU: Penta-Core Mali-450 Up to 750Mhz+
- Supports 1GB DDR3, Supports 8GB EMMC
- Comes with 2 high speed USB ports, users can play internet games with USB Keyboard and USB mouse.
- Comes with IR Remote controller for remote controlling the box.
- Compact housing with good cooling effect
- Supports Hardware 3D graphics acceleration
- Supports rich decoding format: MVC/MPEG-1/2/4 VC-1/WMV/AVS/AVS+/RealVideo/MJPEG/H.264/H.265-10/JPEG

- Supports rich Media formats: Avi/Rm/Rmvb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
- Supports rich Music formats: MP3/WMA/AAC/WAV/OGG/AC3/DDP/TrueHD/DTS/DTS/HD/FLAC/APE
- Supports rich Photo formats: HD JPEG/BMP/GIF/PNG/TIFF
- Supports USB host: 2 High speed USB 2.0, support U DISK and USB HDD
- Card reader: SD/SDHC/MMC cards
- HDD file system: FAT16/FAT32/NTFS
- Supports SRT/SMI/SUB/SSA/IDX+USB Subtitles
- Supports High Definition video output: SD/HD max. 3840 X 2160 pixels
- OSD (On Screen Display) languages: English/French/German/Spanish/Italian/ etc multilateral languages
- Ethernet LAN: 10/100/1000M, standard RJ-45
- Wireless LAN: IEEE802.11n WiFi
- Supports mouse and keyboard via USB; Supports 2.4GHz wireless mouse and keyboard via 2.4GHz USB dongle, Bluetooth 4.1EDR
- HDMI: HDMI 2.0
- Supports AV port
- Supports 3G USB connection
- Supports SPDIF connectors

## Hardware Parameters:

Built with Amlogic S905 Quad Core Processor 64-bit Cortex-A53up to 2.0GHz
GPU: Penta-Core Mali-450 Up to 750Mhz+
Supports decoder format for MVC/MPEG-1/2/4 VC-1/WMV/AVS/AVS+/RealVideo/MJPEG/H.264/H.265-10/JPEG
Supports 1GB DDR3, Support 8GB EMMC
Supports LED display for working status: Powering up and working: Blue, Standby: Red
Built in with 802.11b/g/n Wi-Fi module,
Supports Hardware 3D graphics acceleration
Comes with IR remote controller
Power Supply: DC 5V/2A

## Hardware Interfaces:

- USB 2.0 Ports * 2
- AV port * 1
- HDMI port * 1
- Optical port * 1
- SD/MMC slot * 1
- 10/100/1000MBase-Tx Ethernet Port * 1
- Power jack * 1

## Software Parameters:

- Built on Android 5.1 Operating System,
- Support rich decoding format: MVC/MPEG-1/2/4 VC-1/WMV/AVS/AVS+/RealVideo/MJPEG/H.264/H.265-10/JPEG
- Support Rich Media formats: Avi/Rm/Rmvb/Ts/Vob/Mkv/Mov/ISO/wmv/asf/flv/dat/mpg/mpeg
- Support Rich Music formats: MP3/WMA/AAC/WAV/OGG/AC3/DDP/TrueHD/DTS/DTS/HD/FLAC/APE
- Support Rich Photo formats: HD JPEG/BMP/GIF/PNG/TIFF

- HDD file system: FAT16/FAT32/NTFS
- Support SRT/SMI/SUB/SSA/IDX+USB Subtitles
- Support Full High Definition video output: SD/HD max. 4K(3840 X 2160) pixels
- OSD (On Screen Display) languages: English, French, German, Spanish, Italian and all other languages.
- Default Android Apps: Google Play, Gmail, Chrome, Skype, Youtube, Skype, Picasa, Drive, Google+, etc

## Software Customization:

- 1. Android OS customization, support remain/remove any APPs and adding specific features.
- 2. Android APP customization, OS can be built with your own Android Apps based your requirements
  (E.g. Market for APP download)
- 3. IPTV App customizable, support customize an IPTV App for interoperation with IPTV middleware
- 4. Remote controller customization (E.g. function buttons can be customized based customer's requirements)
- 5. Customer GIF logo show on device booting screen.

## Hardware Customization:

- 1. Customer logo branding on Housing.
- 2. Customer logo branding on packaging boxes.
- 3. Hardware customization - remove a non-usable hardware interface. If you have your own housing, we can also make our PCB to be suitable for it.

## SIV1008S Application