



# SML-5442CT

## High-End hybrid Android Set-Top Box in compact housing

- DVB-C/T/T2 + IP STB with multi-format benefits
- Android or Linux STB multiboot
- Wireless network access point or client with IEEE 802.11ac Wave 2 2x2 MIMO solution
- Stunning performance - Quad-core ARM Cortex A53 with ARM Mali-450 GPU
- Support for HEVC and VP9 encoding technology up to 4Kp60 UHD
- HDR10 and HLG processing

The SML-5442CT is a compact High-End DVB-C/T/T2 Android or Linux set-top box with stunning performance capable of delivering to your customer's home the exciting world of cutting edge interactive services.

With its elegant design, SML-5442CT is powered by the advanced Amlogic S905D SoC. It combines processing power with support for the latest codecs, HEVC and VP9, to deliver stunning 4K video at up to 60 frames per second, and offers adaptive bitrate streaming. This STB provides a great, cost-effective platform to improve your customer's experience.

### System Processor

SoC: Amlogic S905D  
CPU: 4 Core 64-bit ARM Cortex-A53 up to 2.0GHz  
DMIPS: 13800  
GPU: 5 Core Mali-450 up to 750MHz+

### Memory

RAM: 2GB DDR3  
Flash: 8GB eMMC

### Networking

Ethernet: 10/100 Mbit BASE-T  
Wi-Fi: 802.11n/ac 2.4/5GHz Wave 2  
2x2 MIMO solution

### Bluetooth

4.1 + Bluetooth Low Energy (BLE)

### Software

OS: Android / Linux

### Security

DRM Widevine L1

### Remote control

IR, BT (IEEE 802.15.1)

### Graphics

GPU: 5 Core Mali-450 up to 750MHz+ with OpenGL ES 2.0

### Ports

10/100 BASE-T Ethernet RJ-45  
Wi-Fi: 802.11n/ac 2.4/5GHz 1x1  
HDMI: 2.0b with HDCP 2.2  
Rear USB: 1 x USB 2.0  
Side USD: 1 x USB 2.0  
S/PDIF optical  
CVBS, Analogue stereo audio  
MicroSD card reader  
1 x DVB-C/T/T2

### LED indication

1 x Bi-Color LED (red, green), 1 x Yellow LED  
1 x Blue LED

### Video and audio

Supported Encoding Formats\*:  
Audio: AAC, HE-AAC, Dolby Digital, Dolby Digital Plus, MPEG1/2, MP3  
Video: UHD HEVC/h.265, VP9, h.264, MPEG-2, MPEG-4 Part 2, h.263  
Maximum video resolutions: 4K2Kp60  
CVBS supported output video formats: PAL, NTSC

### General parameters

Weight (g): 200  
Dimensions (mm): 130x120x32

\* Specific codecs to be supported by a particular STB can be indicated by the operator in the equipment order.