



# SML-5041 / 5041W

Portable High-End Set-Top Box  
with HDR 4K2Kp60 HEVC/H.265 support

- High-performance Amlogic S905X processor
- UHD HEVC and VP9 decode
- HDR support
- Improved security for UHD content
- HDMI 2.0b with HDCP 2.2 output
- IEEE 802.15.1 v4.2 + BLE (for SML-5041W)

The SML-5041 is a small-form Android or Linux set-top box with high performance capable of delivering to your customer's home the exciting world of cutting edge interactive services. With its elegant design, SML-5041 is powered by the advanced Amlogic S905X processor.

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 S905X  
CPU: 64-bit Quad-core ARM Cortex-A53 up to 2.0GHz  
DMIPS: 14 000  
GPU: Five-core Mali-450 3D up to 750MHz

### Memory

RAM: 1GB or 2GB DDR3  
Flash: 4GB, 8GB or 16GB eMMC

### Networking

Ethernet: 10/100Mbit BASE-T  
Wi-Fi: 802.11n/ac 2.4/5GHz 2x2 (for SML-5041W)  
IEEE 802.15.1: 4.2 + BLE (for SML-5041W)

### Software

OS: Linux or Android  
Browser: WebKit

### Security

DRM/CAS: Widevine L1 DRM, PlayReady

### Ports

HDMI: 2.0b, HDCP 2.2  
USB: 1x USB 2.0  
CVBS, Analogue audio  
Optical S/PDIF

### Remote control

IR, IEEE 802.15.1 (for SML-5041W)

### Graphics

Five-core Mali 3D GPU with OpenGL ES 2.0

### Video and audio

Supported Encoding Formats.

Specific codecs, formats and technologies are supported, subject to the purchase of additional licenses are royalty payments.

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  
HDR: HDR10, HLG

Maximum video resolutions: 4K2Kp60

CVBS supported output video formats: PAL, NTSC

### General parameters

Weight (g): 130

Dimensions (mm): 110x107x33