



## SML-5045 / SML-5045W / SML-5045W6

### Portable High-End UHD Set-Top Box with AV1 support

- High-performance Amlogic S905Y4 processor
- UHD AV1 decode
- UHD HEVC and VP9 decode
- HDR support
- HDMI 2.1 output with HDCP 2.2/2.3
- 802.11ac or 802.11ax (Wi-Fi 6)
- BT v5.0 or v5.2

The SML-5045 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-5045 is powered by the advanced Amlogic S905Y4 processor.

It combines processing power with support for the latest codecs, AV1, 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.

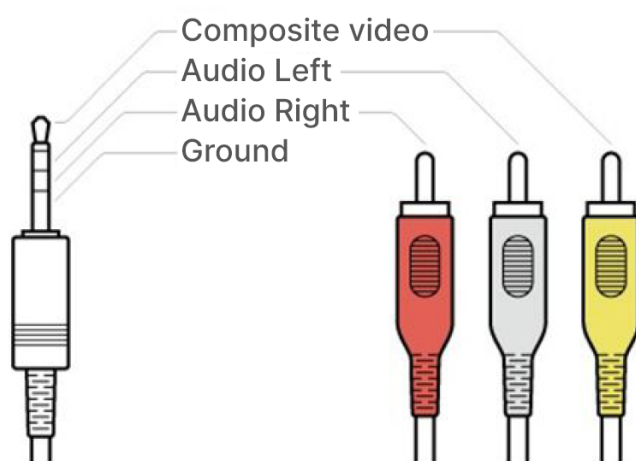
## Technical Specification

		SML-5045	5045W	5045W6
CPU		<b>AmLogic S905Y4</b> Quad-core 64-bit ARM® Cortex™-A35		
GPU		ARM Mali-G31 MP2		
DDR		1GB DDR4 (2×512MB) 2GB DDR4 (2×1GB)		
FLASH		4GB eMMC 8GB eMMC 16GB eMMC		
WiFi		Not Available	802.11ac, 2.4GHz / 5GHz, 2T2R	802.11ax, 2.4GHz / 5GHz, 2T2R
BT	along with Wi-Fi only	Not Available	5.0 + BLE	5.2 + BLE
Interfaces	USB	Rear 1xUSB2.0 (5V-1A)		
	Mini AV	3.5×17 mm miniJack		
	HDMI	1xHDMI 2.1 up to 4Kp60 HDCP 2.2/2.3, HDR (Dolby Vision, HDR10+, HDR10, HLG HDR)		
	Ethernet	1xRJ45 port, 10/100 Mbps		
	TF Card Slot	No		
	S/PDIF	Yes, optical (optionally)		
	DC Jack	5.5 × 2.1 × 10 mm		
	Power Switch	None		
Front Panel	LED	1x Bicolor (red/green) LED		
	Keys	None		
	IR Receiver	38 KHz		
Internal interfaces	Debug UART	3.3V TTL UART 2.54 mm pin header		
	Pinhole button	Update push button behind Mini-AV port		
RCU		IR, BLE remote		
Power Adaptor		AC IN: 100-240V, 50/60Hz DC OUT: 12V-1.0A PSU Sockets: EU, US, UK, Brazil		
Cabinet		110.5 × 106.5 × 33 mm		
System		Linux, RDK, Android Television (AOSP), Android TV (GTVS)		
DRM		Widevine L1, Playready SL3000		
Video Decoding		AV1 MP-10@L5.1 up to 4Kx2K@60 VP9 Profile-2 up to 4Kx2K@60fps HEVC: H.265 MP-10@L5.1 up to 4Kx2K@60fps; AVS2-P2 Profile up to 4Kx2K@60fps; MPEG-4 H.264 AVC HP@L5.1 up to 4Kx2K@60fps; MPEG-4 Part 2: ASP@L5 up to 1080p@60fps; WMV/VC-1 SP/MP/AP up to 1080p@60fps; AVS-P16 (AVS+)/AVS JiZhun Profile up to 1080p@60fps; MPEG-2 MP/HL up to 1080p@60fps; MPEG-1 MP/HL up to 1080p@60fps; RealVideo 8/9/10		
Output resolution		CVBS 480i/576i standard definition output Supports all standard SD/HD/FHD/UHD video output formats: 480i/p, 576i/p, 720p, 1080i/p and 4Kx2Kp60		

Audio Decoding	MP3, AAC, WMA, RM, FLAC, Dolby Audio
File formats	*.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file
Image Decoding	MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)


Composite output and analog stereo audio output combined into a single 3.5×17 mm TRRS connector mini-jack:

### Mini Jack — A/V Cable



### Standards and regulations compliance

STB complies with the following standards:

- FCC** FCC ID: 2ASFLSML5045W
- IC** IC ID: 24800-SML5045W
- CE** Complies with all applicable EC directives
-  Class III of IEC Protection Classes (IEC 61140)

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