

MAG524

MAG524 **w3**

LINUX SET-TOP BOXES
WITH 4K AND HEVC SUPPORT



MAG524 and **MAG524w3** are Linux-based 4K set-top boxes. Compared to the previous MAG STB generation, these devices feature an Amlogic S905X2 chipset with a 25% faster ARM Cortex-A53 processor, and a better GPU. HEVC technology allows providers to deliver high-res content through their existing network. The devices are equipped with 2 USB ports and a built-in Wi-Fi module* 2.4 and 5 GHz.

Our MAG JS API allows easy migration from earlier MAG set-top boxes to new ones. Upon request, we can integrate the MAG524 and MAG524w3 with different CAS/DRM and middleware solutions. Operators, distributors, and developers can rely on Infomir's tech support.

KEY FEATURES



4K and HEVC
Support



4x ARM
Cortex-A53



4 GB eMMC



1 GB RAM



Linux OS



18 400
DMIPS



Built-in Wi-Fi
module*

SPECIFICATIONS

HARDWARE

Chipset	Amlogic S905X2, 18 400 DMIPS
Processor	ARM Cortex-A53 Quad Core 1900 MHz
RAM/Flash	1 GB / 4 GB eMMC
GPU	ARM Mali Dvalin MP2, 850MHz Supports OpenGL ES 3.2, Vulkan 1.0 and OpenCL 2.0

AUDIO AND VIDEO

Audio codecs	MPEG L1/L2/L3I, AAC-LC, HE AAC V1/V2, APE, FLAC, Dolby Digital Plus™
Video modes	PAL, NTSC, 576p, 720p, 1080p, 1080i, 2160p
Video codecs	H.265/HEVC (optional), H.264 (AVC), MPEG-1/2, MPEG-4, XviD, 3D video support
Video containers	TS, MTS, AVI, MPEG, MP4, MOV, MKV, M2TS, VOB, 3GP
Image formats	JPEG, PNG, BMP, RAW
Subtitles	DVB, PGS, SRT, SSA/ASS, SUB, Teletext subs, WebVtt, Closed captions
Playlist formats	M3U, M3U8, PLS, CUE

SOFTWARE AND CAS/DRM

OS	Linux 4.9
CAS/DRM	Upon request
MW/UI	Pre-integrated with Infomir Ministra TV platform. Integration with operator's applications, customization or complete replacement of image is also available

OTHER INTERFACES

Digital AV	HDMI 2.1
Ethernet	100 Mbps
USB	USB 2.0 x 1; USB 3.0 x 1
Wi-Fi	Built-in 2T2R ac (only MAG524w3)

POWER

PSU	DC 12 V 1 A (DC 5 V 2 A optional)
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PHYSICAL CHARACTERISTICS

Width/depth/height	115 x 115 x 28 mm
Weight	170 g

