

# MAG522

# MAG522 w3

LINUX SET-TOP BOXES  
WITH 4K AND HEVC SUPPORT



**MAG522** and **MAG522w3** are powerful Linux set-top boxes. Thanks to an Amlogic S905X2 chipset and HEVC technology support, the devices easily play 4K content at 60 fps without creating excessive network load. Support for Dolby Digital Plus™ allows playing of eight-channel surround sound.

The set-top boxes can be easily connected to any TV, projector, or home theater equipped with an HDMI input. Devices are equipped with 2 USB inputs for peripherals connection, and built-in Wi-Fi 2.4 and 5 GHz adapter (for MAG522w3).

## KEY FEATURES



4K and HEVC  
Support



4x ARM  
Cortex-A53



1 GB RAM



4 GB eMMC  
Flash



Linux OS



18 400  
DMIPS



Built-in Wi-Fi  
Module\*

## SPECIFICATIONS

### HARDWARE

Chipset	Amlogic S905X2, 18 400 DMIPS
Processor	ARM Cortex-A53 Quad Core, 1 900 MHz
RAM/Flash	1 GB / 4 GB eMMC
GPU	ARM Mali Dvalin MP2, 850 MHz. 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	MPEG1/2 MP@HL, MPEG4 part 2 (ASP), H.265 Main/Main 10@L5.1 High 2160p@60 fps (optional), H.264 AVC High@L5.1 2160p@30 fps, XviD, 3D video support
Video containers	TS, AVI, MPEG, MP4, MOV, MKV, M2TS, VOB
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 MAG522w3)

### POWER

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

Width/depth/height	132 x 87 x 26 mm
Weight	125 g

