

# MAG420/420w1

BASIC IPTV/OTT SET-TOP BOX WITH 4K SUPPORT



MAG420 is a powerful and cost-effective solution for quickly launching IPTV/OTT projects. Thanks to the ARM Cortex-A53 processor on the Hi3798MV200 chipset and the built-in HEVC codec, this set-top box easily reproduces 4K content at 60 fps and does not create excessive network loading. The device is equipped with 2 USB inputs, Bluetooth 4.1, and built-in Wi-Fi adapter (for MAG420w1).

MAG420 delivers pure surround sound with the help of built-in Dolby Digital Plus™ eight-channel audio support.

## KEY FEATURES



4K and HEVC  
Support



4x ARM  
Cortex - A53



512MB  
Flash



512MB  
RAM



Bluetooth 4.1  
(for MAG420w1)



Built-in Wi-Fi Module  
(for MAG420w1)

## SPECIFICATIONS

### HARDWARE

CPU, Performance	Hi3798MV200, 15000 DMIPS
GPU	ARM Cortex A53 Quad Core CPU 1200 MHz
RAM / Flash	512 MB/512 MB NAND

### VIDEO AND AUDIO

Audio codecs	MPEG L1/L2/L3, AAC-LC, HE AAC V1/V2, APE, FLAC, Dolby Digital Plus™
Audio formats	AC3, ACC, APE, FLAC, M4A, MP3, OGG, WAV, WMA
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, H.264 AVC High@L5.1 2160p@30 fps, XviD, 3D video support
Video containers	TS, AVI, MPEG, MP4, WMV, MOV, MKV, M2TS, VOB
Image formats	JPEG, PNG, BMP, GIF, 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 4.4.35
MW/UI	Pre-integrated with Ministra TV platform. Integration with operator's applications, customization or complete replacement of image is also available

### OTHER INTERFACES

Digital AV	HDMI 2.0
Analogue AV	3.5mm jack
Ethernet	100 Mbps
USB	USB 2.0 x1; USB 3.0 x1
Bluetooth	3.0, 4.1 (only for MAG420w1)
Wi-Fi	Built-in 1T1R n (only MAG420w1)

### POWER

PSU	DC 12V, 1A
-----	------------

### PHYSICAL CHARACTERISTICS

Width/depth/height	132x87x26 mm
Weight	128 g



## CONTACTS