

MAG420/420w1

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



MAG420/420w1 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).

MAG420/420w1 delivers pure surround sound with the help of built-in Dolby Digital™ eight-channel audio support.

KEY FEATURES



4K and HEVC
Support



4x ARM
Cortex - A53



512 MB
Flash



512 MB
RAM



Bluetooth 4.1
(for MAG420w1)



Built-in Wi-Fi Module
(for MAG420w1)

SPECIFICATIONS

HARDWARE

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

VIDEO AND AUDIO

Audio codecs	MPEG L1/L2/L3I, AAC-LC, HE AAC V1/V2, APE, FLAC, Dolby Digital™
Audio formats	AC3, ACC, APE, FLAC, M4A, MP3, OGG,WAV
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, 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

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 for MAG420w1)

POWER

PSU	DC 12V, 1A
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PHYSICAL CHARACTERISTICS

Width/depth/height	132x87x26 mm
Weight	128 g



CONTACTS