

MAG254

MAG322



MAG254 and MAG322 are fully compatible with the MAG JS API

Modifications

MAG254w1	MAG322w1
MAG254w2	
w1 - 802.11 b/g/n standard and 150Mbps bit rate	
w2 - 802.11 b/g/n/ac standard and 600 Mbps bit rate (dual band)	

Dimensions

	MAG254	MAG322
Width/depth/height, mm	127/87/30	132/87/26
Weight, g	190	144

Hardware

	MAG254	MAG322
Chipset	STiH207	BCM75839
Processor	Single Core CPU 650 MHz	MIPS 4KE Dual Core CPU 750Mhz
DMIPS	1200	2000 ✓
GPU perf	333 Mpx/s	800 Mpx/s ✓
RAM, Mb	512	512
Flash, Mb	256 NAND	512 NAND ✓

Software

	MAG254	MAG322
OS	Linux 2.6.23	Linux 3.3 ✓

Interfaces

	MAG254	MAG322
Ethernet		100 Mbps
HDMI		1.4b
RCA		3,5 mm
S/PDIF		+
USB 2.0, pcs		2

Sources of media content

PC and NAS in local network, Stream media protocols (RTSP, RTP, UDP, IGMP, HTTP), USB-devices

Video and Audio

	MAG254	MAG322
Open GL	-	ES 2.0/1.1/1.0 ✓
3DTV	MVC	MVC, SVC ✓
Decoding video	H.264	H.265 (HEVC support) ✓
Audio codecs	MPEG-1 layer I/II, MPEG-2 layer II, MPEG-2 layer III (mp3), Dolby Digital™	
Audio formats	MP3, MPA, M4A, WMA (optional), Ogg, WAV	
Video modes	1080i, 1080p, 720p, 576p, 480p, PAL, NTSC	
Video codecs	MPEG1/2 MP@HL, H.264 HP@level 4.1, MPEG4 part 2 (ASP), WMV-9 (optional), VC1 video, XviD; HD video supporting (up to 40 Mbit/s and above)	
Video containers	MKV, MPEG-TS, MPEG-PS, M2TS, VOB, AVI, MOV, MP4, ASF, QT, WMV	
Image formats	JPEG, PNG, BMP, GIF, RAW	
Subtitles	DVB, SRT, text MKV	
Playlist formats	M3U	

Power consumption

5W

Standard set

MAG254 Set-Top Box, user manual, HDMI cable, power adapter 12V 1A, remote control, 2 AAA batteries, packaging	MAG322 Set-Top Box, user manual, HDMI cable, power adapter 12V 1A, remote control, 2 AAA batteries, packaging
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