

MAG256w1 MAG256w2

HEVC Set-Top Box

Built-in Wi-Fi



Owing to enhanced capabilities of MAG256 Set-Top Box, it became possible to transmit the video of quality up to FullHD consuming less Internet capacity and to use intensive applications for greater variety of the services you offer.

MAG256 is a unique open platform. You can make changes to our Set-Top Box software as well as integrate with other developers' software.

KEY FEATURES

- Faster and powerful media processor based on chipset STiH301
- Built-in Wi-Fi w1/w2:
w1 = 802.11 b/g/n, 150Mbps
w2 = 802.11 b/g/n/ac, 600Mbps (dualband)
- HEVC support
- USB-port to connect external carriers and WiFi-adaptor: USB 3.0

DIMENSIONS

Width/depth/height, (mm): 132x87x26

Weight, g: 190

Chipset: STiH301

Processor: ARM Cortex A9 1.5 GHz

Processor performance: 3500 DMIPS

RAM: 512 MB

Flash memory: 512 MB

Buil-in Wi-Fi: w1 = 802.11 b/g/n, 150Mbps

w2 = 802.11 b/g/n/ac, 600Mbps (dualband)

SOFTWARE

Operating system: Linux 3.3

Built-in Media Portal with WebKit-based IPTV-functionality
HTTP 1.1, HTML 4.01 XHTML 1.0/1.1; DOM 1, 2, 3, CSS 1, 2, 3;
XML 1.0, XSLT 1.0, XPath 1.0 ; SOAP 1.1; JavaScript ECMA-262,
revision 5; Media JavaScript API; C layer SDK

DRM option: Secure Media

Middleware supported: Stalker

SOURCES OF MEDIACONTENT

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

AUDIO & VIDEO

Audio codecs: MPEG-1 layer I/II, MPEG-2 layer II, MPEG-2 layer III (mp3), MPEG-2 AAC (optional), MPEG-4 AAC LC 2-ch/5.1ch (optional), MPEG-4, AAC+SBR 2-h/5.1ch (optional), Dolby Digital plus (optional), DTS (optional)

Audio formats: MP3, MPA, M4A, WMA (optional), OGG, WAV, AAC

Video modes: 1080i, 1080p, 720p, 576p, 480p, PAL, NTSC

Video codecs: MPEG1/2 MP@HL, H.264 HP@level 4.1, H.265 (HEVC), MPEG4 part 2 (ASP), WMV-9 (optional), VC1 video, XviD; 3D and 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

Interfaces

- HDMI 1.4-output
- Composite + stereo A/V output
- Audio output S/PDIF
- Ethernet 100 Mb/s
- USB 2.0 and USB 3.0 (Wi-Fi adapter can be connected)
- Built-in Wi-Fi 2.4 GHz/5 GHz ac (optional)

Standart set

- MAG256w1 / MAG256w2 Set-Top Box
- Mini jack cable to RCA (A/V)
- Remote control
- 2 AAA batteries, packaging
- Power adapter 12 V 1 A
- User manual

Contacts

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