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IPTV/OTT Set-Top Box MAG254

Fast & powerful



MAG254 is an optimal Set-Top Box solution by Infomir, a European manufacturer company. The device is targeted on Internet providers, content aggregators and system integrators and is used to launch interactive TV services delivered over IP-based networks (IPTV, VoD, OTT).

MAG254 is a unique open platform. Operators can independently make changes in set-top-box firmware, as well as integrate it with their middleware.

KEY FEATURES

- Even faster and more powerful media processor STiH207 with the frequency of 650 MHz, a bigger RAM of 512 Mb
- Highest video and sound quality with HDMI 1.4A and S/PDIF
- 3D-video playback
- Support of resourceful applications
- Two USB-ports to connect external carriers and WiFi-adapter

FUNCTIONALITY

- Playback of video and audio content of all widespread formats and definitions broadcast over local network or from the Internet
- Compatibility with different transport (RTSP, RTP, UDP, IGMP, HTTP) and networking (UPnP, SAMBA) protocols
- Subtitling support
- Audio track choosing

MAG254 is integrated with Secure Media, a system of content protection. The solution supports remote access, monitoring and set up (partly by means of JavaScript API).

THE ADVANTAGES OF COOPERATION WITH INFOMIR

- free Stalker Middleware for an easy start of a project
- qualified technical support and consulting
- complete custom branding
- streamlined worldwide logistic
- highly cost-effective market solutions

SPECIFICATION

DIMENSIONS

Width/depth/height, (mm): 127/87/30
Weight, g: 190

HARDWARE

Processor: STiH207
RAM: 512 Mb
Flash memory: 256 Mb

SOFTWARE

Operating system: Linux 2.6.23
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, Netup, SmartLabs, Netris, Beenius

INTERFACES

Audio output S/PDIF. HDMI 1.4-output. Composite + stereo A/V output
Ethernet 100 Mb/s. USB 2.0 (WiFi-adapter can be connected)

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 (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, 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

STANDART SET

MAG254 Set-Top Box, user manual, Mini jack cable to RCA (A/V),
Power adapter 12 V 1 A, remote control, 2 AAA batteries, packaging.

