PRODUCT LINE 2016
MAG Set-top Boxes & Stalker Middleware

PRODUCT LINE 2016
MAG254/255 is a basic set-top box perfect for the IPTV/OTT project launch

MAG254 is a unique open platform. You can make changes in its firmware or integrate it with other middleware.

MAG255 is a closed platform that does not allow image modification. It has integrated Verimatrix content security solution and is meant for operators that already use Verimatrix.

Key features

- High video and sound quality with HDMI 1.4A and S/PDIF
- 3D-video playback
- Support of intensive applications
- Verimatrix support (only for MAG255)
MAG254w1/MAG254w2 is a basic set-top box with built-in Wi-Fi adapter, perfect for the IPTV/OTT project launch.

MAG254 was improved, and now it is available in two modifications:

- MAG254w1 with 802.11 b/g/n, 150Mbps Wi-Fi adapter
- MAG254w2 with 802.11 b/g/n/ac, 600Mbps (dualband) Wi-Fi adapter.

These retooled models of bestseller MAG254 create more comfort for users without any excessive expenditures.

Key features

- Built-in Wi-Fi
- High video and sound quality with HDMI 1.4A and S/PDIF
- 3D-video playback
- Support of intensive applications
MAG256/257

High-performance Set-Top Box solution with new STiH301 chipset

MAG256 and MAG257 are basic set-top boxes with HEVC support. These STBs use it to perform better quality with more velocity.

MAG256 is a unique open platform. You can make changes in its firmware or integrate it with other middleware.

MAG257 is the closed platform integrated with Standart Verimatrix and is meant for operators that already use Verimatrix.

Key features

- HEVC support
- RAM 1 GB
- Two USB-ports (2.0 and 3.0) to connect external carriers
Basic
IPTV/OTT Set-Top Box

MAG256w1
MAG256w2

High-performance Set-Top Box solution with Wi-Fi adapter and STiH301 chipset

MAG256 is a unique open platform. You can make changes in its firmware or integrate it with other middleware.

And to provide your users with even more comfort it is now available with two kinds of Wi-Fi adapters. MAG256w1 comes with 802.11 b/g/n, 150Mbps adapter, meanwhile MAG256w2 features 802.11 b/g/n/ac, 600Mbps (dualband) adapter.

Key features

- Built-in Wi-Fi adapter
- HEVC support
- RAM 1 GB
- Two USB-ports (2.0 and 3.0) to connect external carriers

Available Q2 2016
Hybrid Set-Top Box IPTV/OTT + DVB-C and DVB T/T2

Hybrid Set-Top Box is a cross-functional solution for telecommunication operators on the market

MAG275 is a hybrid set-top box, which allows combining IPTV/OTT services with cable and terrestrial TV.

MAG275 can efficiently process big data files, including high-resolution digital video operations.

Key features

- IPTV, VoD, OTT and DVB-C/T/T2 digital TV standards
- Support of intensive applications
- 3D-video playback
Download the application free of charge!

Web surfers and social network users will be happy to learn that this application has a keyboard and a touchpad.

Our team developed the application MAGic Remote that allows using your smartphone or your tablet running on Android or iOS as a remote control. It has a few button layouts. So you can choose the layout that works best for you.

To begin using this app just connect the smartphone to the same Wi-Fi network as the MAG Set-Top Box and make sure “remote control” function is on.
MAG350 is premium IPTV/OTT set-top box for operators providing TV services over IP-based networks.

MAG350 runs on Broadcom chipset and requires smaller network bandwidth for provision of HQ video owing to HEVC support.

MAG350 has enlarged RAM and heavy-duty processor. They allow enhancing the total velocity of STB performance.

Key features

- HEVC support
- 8 GB emmc
- Android L (optional)

Optional:
- Built-in Wi-Fi 2.4 GHz/5 GHz ac, Bluetooth 4.0 LE, 3.0
MAG352 is a premium IPTV/OTT set-top. This set-top box can playback 4K video. 2 GB of RAM and Broadcom chipset with 12 000 DMIPS create extra velocity.

MAG352 can be performed with built-in Wi-Fi 2.4 GHz/5 GHz ac, Bluetooth 4.0, 3.0 or Android TV software.

Key features

- 4K p60 and HEVC support
- Next-generation 2.7Gpix/s 3D OGLES3.1 GPU Chipset
- BCM7252s 12 000 DMIPS
- RAM 2 GB
- Optional:
  - Built-in Wi-Fi 2.4GHz/5GHz ac, Bluetooth 4.0 LE, 3.0
  - Android TV (optional)
  - Verimatrix support
Stalker Middleware

Get brand-new benefits from ultimate Stalker Middleware

Free Stalker Middleware software allows you to begin the immediate realization of your project because it does not require the substantial investment. Its open API code provides opportunities for independent growth and collaboration with independent software developers.

Using Stalker Middleware and MAG set-top boxes you get robust support for your company with complex projects by Infomir.

Key features

- 100% Free
- Open source modules code, API available for integration with third-party services
- Official multiscreen applications for iOS and Android
- Application catalogue, large developers community and SDK, helping to create own modules and applications
Vimeo is a video-sharing website in which users can upload, share and view videos.
### Choose your MAG!

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>127×87×30 mm</th>
<th>127×87×30 mm</th>
<th>127×87×30 mm</th>
<th>132×86.7×26 mm</th>
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<tbody>
<tr>
<td>Chipset</td>
<td>STi7105</td>
<td>STiH207</td>
<td>STiH207</td>
<td>STiH301</td>
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<tr>
<td>Processor</td>
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<td>Processor performance</td>
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<td>RAM</td>
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<td>OpenGL ES 2.0 support</td>
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<tr>
<td>3DTV support</td>
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<td>Simultaneous 2-HD-flow decoding (Dual 1080i-50/60)</td>
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<td>Decoding video in h.265 (HEVC) format</td>
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<td>4K</td>
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<td>Processor power consumption</td>
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<td>5 W</td>
<td>5 W</td>
<td>4 W</td>
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<td>Built-in Wi-Fi 2.4 GHz/5 GHz ac</td>
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<td>Interfaces</td>
<td>2xUSB 2.0, Ethernet 100 mb/s, S/PDIF, HDMI 1.3, RCA</td>
<td>2xUSB 2.0, Ethernet 100 mb/s, S/PDIF, HDMI 1.4a, RCA</td>
<td>1xUSB 2.0, Ethernet 100 mb/s, S/PDIF, HDMI 1.4a, RCA</td>
<td>1xUSB 3.0, Ethernet 100 mb/s (1 Gbit), S/PDIF, CVBS, Analog Audio Stereo</td>
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<td>Verimatrix support</td>
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<td>MAG255 only</td>
<td>MAG255 only</td>
<td>MAG257 only</td>
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<td>Functionality</td>
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<td>IPTV/OTT</td>
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**Choose your MAG!**

- **MAG250**
- **MAG254/255**
- **MAG254w1/254w2** (NEW)
- **MAG256/257** (AVAILABLE Q2 2016)
<table>
<thead>
<tr>
<th>Model</th>
<th>Available Q2 2016</th>
<th>Dimensions</th>
<th>STiH301</th>
<th>ARM Cortex A9 1.5 GHz</th>
<th>Single Core CPU 650 MHz</th>
<th>3500 DMIPS</th>
<th>1 GB</th>
<th>512 MB</th>
<th>8 GB emmc</th>
<th>Linux 3.3, Android TV optional</th>
<th>MVC</th>
<th>MVC, SVC</th>
<th>IPTV/OTT</th>
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<tr>
<td>MAG 256w1/256w2</td>
<td></td>
<td>132x86.7x26 mm</td>
<td>STiH301</td>
<td>ARM Cortex A9 1.5 GHz</td>
<td>Single Core CPU 650 MHz</td>
<td>3500 DMIPS</td>
<td>1 GB</td>
<td>512 MB</td>
<td>8 GB emmc</td>
<td>Linux 3.3, Android TV optional</td>
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<td>MAG 275</td>
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<td>127x87x30 mm</td>
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<td>ARM Cortex A9 1.5 GHz</td>
<td>Single Core CPU 650 MHz</td>
<td>3500 DMIPS</td>
<td>1 GB</td>
<td>512 MB</td>
<td>8 GB emmc</td>
<td>Linux 3.3, Android TV optional</td>
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<td>MAG 350</td>
<td>AVAILABLE Q2 2016</td>
<td>132x86.7x26 mm</td>
<td>BCM7250</td>
<td>ARM A15 (B15) Core CPU 1500 MHz</td>
<td>6000 DMIPS</td>
<td>1 GB</td>
<td>2 GB</td>
<td>8 GB emmc</td>
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<td>MVC, SVC</td>
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<td>MAG 352</td>
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<td>175x132x42 mm</td>
<td>BCM7252s</td>
<td>ARM A15 (B15) Dual Core CPU 1200 MHz</td>
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<td>2 GB</td>
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<td>MVC</td>
<td>MVC, SVC</td>
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</tr>
</tbody>
</table>

Specifications:
- 1xUSB 3.0, Ethernet 100 mb/s (1 Gbit), S/PDIF, CVBS, Analog Audio Stereo
- 2xUSB 2.0, Ethernet 100 mb/s, HDMI 1.4a, RCA
- 2xUSB 2.0, Ethernet 1 Gbit, S/PDIF, micro SD, CVBS, HDMI 2.0-output, HDMI 2.0-input optional, Analog Audio Stereo, BlueTooth 4.0 LE, 3.0 (optional)
- 2xUSB 3.0, Ethernet 1 Gbit, S/PDIF, SD, CVBS, HDMI 2.0-output, HDMI 2.0-input optional, Analog Audio Stereo, BlueTooth 4.0 LE, 3.1 (optional)
CAS & DRM

Chipset / Main partners

Middleware

VoD

Software platforms

Technical partners

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