



## IPTV & OTT STB



- ✓ Stability, confirmed by IPTV-providers in 50+ countries
- ✓ Playback of digital channels in Full-HD format
- ✓ Support of streaming video and video on demand (VoD)
- ✓ Support of all popular audio and video formats
- ✓ Optimized video and sound quality (HDMI 1.3, S/PDIF audio)
- ✓ Two USB ports for Wi-Fi module and USB-drives
- ✓ Start from NAND with own OS (standalone) or from middleware server
- ✓ Support for popular middleware: Stalker, Netup, SmartLabs, Netris, Beenius, Albax
- ✓ World-class content security service: Secure Media
- ✓ Remote management, monitoring and device settings (via JavaScript API)
- ✓ Playback delay in video streaming
- ✓ Unique open platform
- ✓ Compatibility with different transport protocols (UPnP, SAMBA)
- ✓ Subtitling support



rear view

The device is targeted for Internet providers, content aggregators and system integrators and is used for launching interactive TV services delivered over IP based networks (IPTV/VoD/OTT).

MAG250 offers a cost effective 450 MHz media processor (STi 7105), 256 MB RAM and HDMI 1.3 interface supporting all modern video and audio formats including Full HD.

MAG250 is a lightweight device with elegant lines, in the classic black color that will fit in with any interior.

*IRENIS MAG250 meets all modern requirements and standards, and is a great solution for IPTV start-up.*

*MAG250 has everything necessary for comfortable and high quality reception of IPTV-channels as well as any media content playback from the Internet, OTT-services and USB-storages.*





## Technical Specifications

Processor	STi 7105, 450 MHz media processor
Memory	256 MB
Flash memory	256 MB
Operating system	Linux 2.6.23
External Interfaces	Audio output S/PDIF, HDMI 1.3 (rear), USB 2.0 (1 front and 1 rear), Composite + Stereo A/V output (Micro jack connector on the rear), Ethernet, 100 Mbit/s (rear) connector for power supply 5V (rear), LED-display (front panel)
Sources of media content	External Hard Drive (USB), USB devices (USB flash drive, USB-card reader, etc.), PC and NAS in local network (SMB, NFS, UPnP, HTTP), other Internet and local television networks (HTTP, UDP, RTP, RTSP, IGMP), video streaming services are fully supported
The Web browser	WebKit
DRM option	Secure Media
Video modes	1080p, 1080i, 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
Audio codecs	MPEG-1 layer I / II, MPEG-2 layer II, MPEG-2 layer III (mp3), Dolby Digital (optional), DTS (optional)
Audio Formats	MP3, MPA, M4A, WMA (optional), Ogg, WAV
Image formats	JPEG, PNG, BMP, GIF, RAW
Subtitles	DVB, SRT, text MKV
Playlist formats	M3U
File Systems	FAT16/32, NTFS (read), NFS, Ext2, Ext3
Ethernet	100 Mbit/s
Wi-Fi	USB Wi-Fi dongle (not included)
Stream media protocols	RTSP, RTP, UDP, IGMP, HTTP
Software	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
Middleware supported	Stalker, Netup, SmartLabs, Netris, Beenius, Albax
Supports VoD	espial-Kasenna, Bitband, ARRIS (C-COR), Live555
Dimensions (w/d/h), mm.	127/87/30 mm    5" x 3.5" x 1"
Weight, gr./ lbs	190 (with packaging: 620), 0,3 lbs, 1.5 with packaging and accessories
Packing list	IRENIS MAG250 SetTopBox, user manual, mini jack cable to RCA (A/V), power adapter 12V/1A, remote control, 2x AAA batteries, packaging.
Warranty	12 months