

IPTV & OTT STB



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).

7500+ offers an extremely fast and more media processor (ARM A15 dual core), additional RAM 2 GB and HDMI 2.0 interface supporting the highest video resolution up to 4Kp60. Increased performance allows for resource-intensive applications and more playback features including 4K video.

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- ✓ Stability, confirmed by IPTV-providers in 50+ countries
- ✓ Playback of digital channels in up to 4Kp60 format
- ✓ Support of streaming video and video on demand (VoD)
- ✓ Support of all popular audio and video formats
- ✓ Supports HEVC (H.265) technology
- ✓ Optimized video and sound quality (HDMI, 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/Ministra
- ✓ 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



USB 3.0

rear view

HDMI

IRENIS 7500+ meets all modern requirements and standards, and is a great solution for IPTV start-up.

7500+ 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	ARM A15 (B15) Dual Core CPU, an extremely fast and powerful media processor with 12 000 DMIPS performance
Memory	2 GB
Flash memory	8 GB
Operating system	Linux 3.3
External Interfaces	Audio output S/PDIF, HDMI 2.0 (rear), 2x USB 3.0 (WiFi-adaptor can be connected), Composite + Stereo A/V output (Micro jack connector on the rear), Ethernet, 1 Gbit/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	4Kp60, 1080p, 1080i, 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
Audio codecs	MPEG-1 layer I / II, MPEG-2 layer II, MPEG-2 layer III (mp3), AAC (optional), Dolby Digital (optional), DTS (optional)
Audio Formats	MP3, MPA, M4A, WMA (optional), OGG, WAV, AAC
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	1 Gbit/s
Wi-Fi	Built-in Wi-Fi 2.4 GHz/5 GHz ac (optional) or 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, SoftAtHome
DRM option	Secure Media
Dimensions (w/d/h), mm.	175/124/42 mm
Weight, gr./ lbs	320 (with packaging: 720), 0,4 lbs, 2kg with packaging and accessories
Packing list	IRENIS 7500+ SetTopBox, user manual, HDMI cable, mini jack cable to RCA (A/V), power adapter 12V/1A, remote control, 2x AAA batteries, packaging.
Warranty	12 months

