

## IPTV & OTT STB



rear view

- ✓ Stability, confirmed by IPTV-providers
- ✓ Playback of digital channels in up to 4K (UHD) 2160p format
- ✓ ideal for streaming video and video on demand (VoD)
- ✓ Decodes of almost all popular audio and video formats
- ✓ Supports 4K HDR HEVC (H.265) and h.264 AVC technology
- ✓ Optimized video and sound quality (HDMI 2.1)
- ✓ Two USB ports for Wi-Fi module and USB-drives
- ✓ Start from NAND with own OS (standalone) or from a middleware server
- ✓ Support for popular middleware: Ministra
- ✓ 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
- ✓ TV operating programmable IR Remote Control

### The best user experience on Linux 4.9

**6800+** is a reliable high-performance device designed to run for months on end without rebooting. Operators can easily customize its UI and develop apps for it

### 4K HDR and HEVC

The device easily handles 4K HDR 60fps content. It also supports HEVC and other modern codecs to enable operators to deliver high-resolution content even over low-bandwidth networks.

### Powerful Amlogic chipset

Owing to the new Amlogic S905X2 chipset complete with a high-performance ARM Cortex-A53 CPU, **6800+** packs 25% more power than the previous generation of our Linux set-top boxes: content playback is smooth and the UI is fast.

### Dolby Digital Plus™ sound

With **6800+** and **6800+w** set-top boxes, viewers can enjoy high-quality audio on modern audio systems, home theaters, and TVs. The clear sound provides the level of immersion that makes you feel as if you were actually in the film, TV show, or TV broadcast.

*The 6800+ meets almost all modern requirements and standards, and is a great solution for a start-up into IPTV.*

*6800+ 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 IPTV STB 6800+

Processor	Chipset: Amlogic S905X2 Prozessor: ARM Cortex-A53 Quad Core CPU 1900 MHz Power: 18 400 DMIPS
Memory	1GB DDR3
Flash memory	4 GB eMMC Flash
Operating system	Linux 4.9
External Interfaces	Audio via HDMI 2.1 output, Ethernet 100 Mb/s, USB 2.0x1, USB 3.0x1, Connector for power supply 5V (rear), LED (front panel)
Sources of media content	PC and NAS in a local network, Stream media protocols (SRT, RTSP, RTP, UDP, HTTP), USB devices
The Web browser	WebKit
Video modes	2160p, 1080i, 1080p, 720p, 576p, PAL, NTSC
Video codecs	MPEG1/2 MP@HL, MPEG4 part 2 (ASP), H.265 Main/Main 10@L5.1 High 2160p@60 fps, H.264 AVC High@L5.1 2160p@30 fps, XviD, 3D video support
Video containers	TS, AVI, MPEG, MP4, MOV, MKV, M2TS, VOB
Audio codecs	MPEG L1/L2/L3, Dolby Digital, AAC-LC, HE AAC V1/V2, APE, FLAC
Audio Formats	AC3, ACC, APE, FLAC, M4A, MP3, OGG, WAV
Image formats	JPEG, PNG, BMP, RAW
Subtitles	DVB, PGS, SRT, SSA/ASS, SUB, Teletext subs, WebVtt, Closed captions
Playlist formats	M3U, M3U8, PLS, CUE
File Systems	FAT16/32, NTFS (read), NFS, Ext2, Ext3 (4), ...
Ethernet	100 Mbit/s
Wi-Fi	USB Wi-Fi dongle (not included)
Stream media protocols	SRT, RTSP, RTP, UDP, HTTP, Multicast IGMP V2/3 adjustable
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	Ministra TV platform version 5.4.1 or higher
Dimensions (w/d/h), mm.	120x78x21
Weight, gr.	110 (with packaging: 600)
Packing list	BLANKOM 6800+ SetTopBox, user manual, HDMI cable, power adapter 12V/1A, remote control, 2x AAA batteries, packaging.
Warranty	12 months