



smartlabs



SML-5112

Amazing performance capacity

- High-performance dual-core 12K DMIPS CPU
- Wi-Fi 802.11ac Quantenna 4x4 MIMO
- 4Kp60 HEVC and VP9 decode
- Quad 1080p60 HEVC and VP9 decode
- RDK support
- Advanced security core for HD and Ultra HD content
- High-performance connectivity peripherals, including USB 3.0, SATA III and Gigabit Ethernet
- HDMI 2.0 with HDCP 2.2
- HDR pass-through

The SML-5112 is a high performance Ultra HD set-top box. Based on Broadcom's latest Ultra HD SoC BCM7251S, it combines processing power, dual core 12k DMIPS, with support for the latest codecs, HEVC and VP9, to deliver stunning 4K video at up to 60 frames per second. The support of multicast delivery of video over Wi-Fi is enabled through optional built-in 802.11ac 4x4 MIMO solution from Quantenna, which can act as client and access point. The SML-5112 also has the option to support Bluetooth 4.0

and RF4CE for remote controls and includes a concealed cavity with a SATA connection for the addition of an HDD to support local video storage.

Quantenna Wi-Fi 802.11ac 4x4

- Up to 1.7 Gbps PHY/Data Link Speed in 80 MHz mode.
- Operating Frequencies: 4.9-5.85GHz.
- 4 streams in 4x4 MIMO configuration.
- MU-MIMO support for two users.
- SuperDFS support.

System Processor

SoC: Broadcom BCM7251S
DMIPS: 12K

Memory

RAM: 1GB DDR3 (Up to 2GB)
Flash: 512MB (Up to 4GB)

Networking

Ethernet: 10/100/1000 Mbit BASE-T
Wi-Fi: 802.11n/ac 4x4 MIMO (Optional)

Software

OS: Linux, Android as an option
Browser: WebKit
Security: Verimatrix, Widevine, PlayReady

Ports

Optional SATA 3.0, internal bay for 2.5" HDD
10/100/1000 BASE-T Ethernet RJ-45
Bluetooth 4.0
Wi-Fi IEEE 802.11ac 4x4 MIMO (Option)
HDMI: 2.0 with HDCP 2.2
USB: 2xUSB3.0
S/PDIF: Optical

Remote control

IR receiver or RF4CE

Graphics

3D Graphics processor with OpenGL ES 2.0, 3.0

Video and audio

Supported Encoding Formats*:

Audio: AAC-LC, AAC-HE, Dolby Digital, Dolby Digital Plus, MPEG-1 Layers 1,2,3 (MP3), WMA, WMA Pro

Video: HEVC/ H.265, VP9, MPEG-2 Part 2, H.264/MPEG-4 AVC, VC-1

Maximum video stream resolution and frame rate: 4Kp60

CVBS supported output video formats: PAL, SECAM, NTSC

Aspect ratio: 4:3, 16:9

General parameters

Weight (g): 380 (without HDD)

Dimensions (mm): 160x156x62

* Specific codecs to be supported by a particular STB can be indicated by the operator in the equipment order.