



SML-5050

Ultra HD portable Set-Top Box

- High-performance Quad-core ARM Cortex A7 processor
- Quad-core Mali-450 GPU
- OpenGL ES 2.0/1.1/1.0 OpenVG 1.1, EGL
- UHD HEVC MP@L5.0, H.264 HP@L5.1 decode
- Wi-Fi 802.11n/ac

The SML-5050 is a small-form factor set-top box with high performance capable of delivering to your customer's home the exciting world of cutting edge interactive services.

With its elegant design, SML-5050 is powered by the high-performance Quad-core ARM Cortex A7 processor.

It combines processing power with support for HEVC to deliver stunning 4K2K video at up to 30 frames per second, and offers adaptive bitrate streaming. This STB provides a great, cost-effective platform to improve your customer's experience.

System Processor

HiSilicon Hi3798MV100
CPU: Quad-Core ARM Cortex A7 up to 1.5GHz
DMIPS: 11000
GPU: Quad-core Mali 3D

Memory

RAM: DDR3 512 MB
Flash: NAND 256 MB

Networking

Ethernet: 10/100 Mbit BASE-T
Wi-Fi: 802.11n/ac 2.4 GHz / 5GHz 2x2

Software

OS: Linux
Browser: WebKit

Security

Verimatrix, Widevine DRM, PlayReady

Ports

10/100 BASE-T Ethernet RJ-45
Wi-Fi: 802.11n/ac 2.4 GHz / 5GHz 2x2
HDMI: 1.4a HDCP
USB: 1xUSB 2.0
CVBS, Analogue audio

Remote control

IR

Graphics

Quad-core Mali 3D GPU with OpenGL ES 2.0

Video and audio

Supported Encoding Formats.

Specific codecs, formats and technologies are supported provided that additional licenses are purchased and royalty are paid.

Audio: AAC, HE-AAC, Dolby Digital, Dolby Digital Plus, MPEG1/2, MP3

Video: UHD HEVC/H.265, H.264, MPEG-2, MPEG-4 Part 2, H.263, VC-1

Maximum video resolutions:
4K2Kp30

CVBS supported output video formats:
PAL, NTSC

General parameters

Weight (g): 130
Dimensions (mm): 110x107x33