Antik Mini 3 (AWS2653)

Pure IP or IP&DVB box for ISP/OTT/Hospitality

New Antik Mini 3 Quad-core Linux / Android set-top box with Hi3798C V200 has a great features to satisfy highest demands for decoding, power consumption, price and chipset performance. It is a 4K or dual Full HD DVB & IPTV set-top box.

Fully integrated with MaxIM Management system

Key Features

- Enhanced Host CPU performance (15000DMIPS)
- 4K HDR or Dual FullHD decoding
- L2 managed switch up to 1Gbps
- Hybrid device with IP+DVB tuner (optional)

- Decoding and display capability compatible with HDMI 2.0a
- Wifi 802.11 ac Access Point
- Wake on HDMI CEC, IR/BT RC input (optional)
- Smart Home HUB (Z-Wave)

Inputs / Outputs

- DVB-C/T/S2 Tuner Input (optional)
- HDMI 2.0a
- TOSLINK Digital Audio interface
- CVBS (3,5mm jack for SCART/RCA cable connection)
- Modem
- 1 x USB 3.0 + 1 x USB 2.0 (optional)

- 1x, 4x RJ45 (10/100/1000baseTx)
- 868 MHz transceiver for Smart Home
- WiFi client embedded - 802.11a/b/g/n/ac, up to 867mbps (2T2R)
- IR Receiver, Bluetooth 4.2 Reciever

Highlights

- 4K (2160p60) video support and crystal clear digital audio
- Interactive TV Support - Multicast TV, Electronic Program Guide, VOD, Mosaic
- PVR and Network PVR support
- Major DRM systems integrated

- Segment streaming and buffering for OTT delivery even in low-speed networks
- Hardware generated Picture-in-Picture
- Intelligent low power consumption management
- Ideal for Digital Signage system

WiFi serves as alternate internet connection method in OTT mode or in closed network it can serve as second STB network adapter to connect to home network resources (DLNA server) while wired ethernet is used to deliver multicast to the box. Wifi funcionality can optionally serve as WiFi router as well.

Features

- Different browsers integrated – Ekioh (SVG), Webkit (HTML5)
- DVB pre-integrated
- HTTP Live Streaming (HLS) support
- Fast vector graphics thanks to integrated SVG Engine
- Integrated modem

- 4K HDR or dual FullHD decoding
- DLNA Server&Player support (coming soon)
- High-Resolution front OLED display (optional)
- HDD – external through USB (optional)

Antik Mini 3 Specifications

Video

- MPEG-2
- VC-1 (WMV9)
- MPEG-4 part 2 (DivX, XviD)
- Flash (VP6, Sorenson)
- H.264 video encoding & decoding
- HDR

CAS / SCRAMBLING / DRM

- Conax
- Key Rider
- Widevine

Software integration

- Operating system Linux 3.18 / Android 7.0
- Copy Protection HDCP v 2.2 (optional)
- Ekioh SVG integrated (optional)

Middleware

- ANTIK MaxIM Middleware 2.0 (optional)

Application

- Telco IPTV
- Hotel IPTV
- OTT IPTV
- DTH
- Digital Signage

Audio

- MPEG-1 (layer I/II)
- MP3
- Dolby Digital (AC-3)
- AAC (HE-AAC v2 Profile)
- FLAC
- Vorbis

Accessories (optional)

- Remote control IR, Bluetooth 4.2
- RCA/SCART cable
- Ethernet Cable
- HDMI cable
- Full size/Compact Keyboard
- WiFi Adapter
- IR Extender cable

CPU & Memory

- CPU: quad-core ARM Cortex-A53, 15000 DMIPS
- GPU: ARM Mali-T720
- DRAM: 2GB DDR3
- Flash: 8GB eMMC

Networking

- L2 switch
- support hybrid VLANs

Streaming

- MPEG-2 transport stream
- Multicast or Unicast
- TS over UDP
- TS over RTP
- HTTP streaming
- RTSP (with trick play support) for VoD
- Teletext and subtitles
- IGMP v2 & v3
- HLS

Technical Specifications

- Width x depth x height 203mm x 135mm x 41mm (without packaging)
- Weight 540g (without accessories and packaging)
- Power Consumption 8W
- Power Input 12V DC
- Power Adaptor 90-250V/50-60Hz AC
- Operating temperature 0°C to 45°C
- Operating Humidity 8%-95% (non-condensing)
- 868 MHz transceiver for Smart Home