

Antik Mini 2

Pure IP or IP&DVB / ISDB-T box for ISP/OTT/Hospitality

Antik Mini 2 with STiH207 is cost-effective solution because of higher performance and low power features target of < 0.5 W set-top box total standby power in controller passive standby mode. Device with enhanced video decoding performance supports dual H.264 HD decoding (2 x HP @L4.1, 1080i/720p). It allows HD web content video decoding including DivX and MP4pt2 to 1080p30 and 3DTV decoding with HDMI1.4b support.



Key Features

- Enhanced Host CPU performance (1200DMIPS)
- Hybrid device with dual DVB tuner + IP (optional)
- L2 managed switch up to 1Gbps
- Dual H264 HD decoding
- 3DTV decoding and display capability compatible with HDMI1.4b
- Low power on standby
- Wake on HDMI CEC, IR/UHF RC input



Inputs / Outputs

- DVB-C/T/T2/S2/ISDB-T Tuner Input (optional)
- HDMI 1.4
- TOSLINK Digital Audio interface
- CVBS (3,5mm jack for SCART/RCA cable connection)
- 1 x USB 2.0
- 1x, 2x, 4x RJ45 (Ethernet 10/100baseTx or 10/100/1000baseTx)
- Infrared Receiver
- WiFi client embedded - 802.11b/g/n, up to 300mbps (2T2R)
- External IR input

Highlights

- FullHD (1080p) video support and crystal clear digital audio
- Interactive TV Support - Multicast TV, Electronic
- Program Guide, VOD,, Mozaic
- PVR and Network PVR support
- Major DRM systems integrated
- Segment streaming and buffering for OTT delivery even in low-speed networks
- Hybrid broadcast-broadband TV (HbbTV) support
- Hardware generated Picture-in-Picture
- Intelligent low power consumption management
- Ideal for Digital Signage system

- 2nd IR receiver jack for easy STB mounting into room furniture

- Embedded Wi-Fi (client mode) inside set-top box



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, Bittorrent server) while wired ethernet is used to deliver multicast to the box.

Cost effective model



Features

- Digital Surround Support
- Different browsers integrated – Ekioh (SVG), Web-kit (HTML5)
- DVB pre-integrated
- HTTP Live Streaming support
- Fast vector graphics thanks to integrated SVG Engine
- DRM support from Verimatrix and Securemedia
- Dual H.264 HD decoding
- HbbTV Support (coming soon)
- DLNA Server&Player support (coming soon)
- High-Resolution front OLED display (optional)
- HDD – external through USB (optional)

Antik Mini 2 Specifications

Video

- MPEG-2
- H.264 (AVC)
- VC-1 (WMV9)
- MPEG-4 part 2 (DivX, XviD)
- Flash (VP6, Sorenson)

CAS / SCRAMBLING / DRM

- Verimatrix
- Key Rider
- Conax
- Securemedia

Software integration

- Operating system Linux 2.6
- Copy Protection HDCP v 1.2 (optional)
- Opera, Access, Ekioh SVG integrated (optional)

Middleware

- ANTIK Built-in Middleware (optional)

Networking

- L2 switch
- support hybrid VLANs

Audio

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

Accessories (optional)

- Remote control
- RCA/SCART cable
- Ethernet Cable
- HDMI cable
- Full size/Compact Keyboard
- WiFi Adapter
- Juice TV Anywhere Personal H.264 Transcoder
- IR Extender cable

CPU & Memory

- CPU STiH207/254/256 650MHz, 1020 DMIPS
- DRAM 512 MB DDR3
- Flash 512 MB

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)

Application

- Telco IPTV
- Hotel IPTV
- OTT IPTV
- DTH