



juice
EXTREME 2

TV Home Gateway

DVB-T
TERRESTRIAL

TV Home Gateway streaming and transcoding 4 channels in real time to home smart devices

DVB-S2
SATELLITE

Revolutionary Android home gateway Juice Extreme II with integrated chipset Orly STiH416 SoC by STMicrosystems for streaming and transcoding 4 channels in real time to home smart devices (tablets, smartphones, etc.). Antik's device with multi-tuner DVB-T, DVB-C and DVB-S2 is characterized by extreme performance needed for multiscreen experience.

Key features

- ▶ Broadcasting OTT internet content
- ▶ Multiscreen simultaneous HD multimedia streaming
- ▶ Transcode and transrate 4 channels in real time
- ▶ Powered by Android operating system
- ▶ Apps including 3D, HD games
- ▶ 3D user interfaces
- ▶ 3D HD media
- ▶ Networking of media throughout the home via standards such as DLNA or RVU
- ▶ HDMI 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
- CPU: 1.2GHz dual-core ARM Cortex-A9
- GPU: 400MHz quad-core ARM Mali-400 MP dual DDR3 controller (2GB RAM)
- Hardware generated Picture-in-Picture
- Intelligent low power consumption management

Other features

- Digital Surround Support
- Different browsers integrated - Opera, Ekioh, Access
- Ququadruple DVB tuner (T, C, S2) ready
- 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
- DLNA Server&Player support (coming soon)
- HDD - internal or external through SATA or USB (optional)
- BitTorrent™ client support
- Software environments such as Android™ 4.0 and higher, XBMC, HTML5, Adobe® AIR® and Qt

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ADVANCE INFORMATION:
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ANTIK
technology

About ANTIK Technology

Antik Technology is a company dedicated to a long-term development, production and distribution of hardware devices and software for fast growing IPTV industry. The company established in 1990 is a designer and manufacturer of HD&3D IPTV set-top boxes, hybrid set-top boxes, professional encoders/transcoders, IPTV Middleware & Headend SW developed in Central Europe. These devices are used by telecommunication operators in more than dozen countries worldwide. A sister company Antik Telecom is a leading provider of triple play services in Kosice, Slovakia - 13th fastest internet city worldwide according to 2010 University of Cambridge, UK survey.

Juice Extreme 2 Specifications

Video

Quadruple DVB Tunner
CVBS/Y Pb Pr (3,5mm jack)
Tunner board connector
RF IN/OUT (for DVB-S2)

Codecs

MPEG-2 (SD/HD) MP@HL
H.264/AVC (SD/HD) HP@L4.2
Resolutions up to 1080p/50,60
Scaling of SD to HD and HD to SD
Aspect ratio conversion
(LetterBox, Pan&Scan, Combined, Fullscreen)

Picture in Picture

Parallel decoding of two streams (one for output, second for recording)
Alfa blending

Resolution

| | |
|------|--------------------|
| PAL | 576i |
| NTSC | 480i |
| HD | 720p, 1080i, 1080p |

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

Audio

Interfaces

TOSLINK Digital Audio optical
L/R analogue stereo output through 3,5 mm jack

Codecs

MPEG-1/2 (layers 1, 2, 3),
PCM, AC-3, AAC
Dolby Digital Plus
Dual mono mode
Stereo down mixing

Other Interfaces

2x 1GB Ethernet RJ 45
SATA internal for PVR HDD
3x USB 2.0 (1x front and 1x back panel)
IR receiver
SD card slot
Built in WIFI

CPU & Memory

| | |
|--------------------|-------------------|
| CPU STiH416 (Orly) | 1,2 GHz, DualCore |
| GPU | Cortex-A9 |
| DRAM | 2 GB DDR3 |
| Flash | 1 GB |

DRM/CA

Verimatrix
Securemedia
Key Rider

Software integration

Operating system Linux 2.6
Copy Protection HDCP v 1.2 (optional)
Opera, Access, Ekioh SVG integrated (optional)
Android™ 4.0 and higher, XBMC

Middleware

ANTI-K Built-in Middleware (optional)
Beenius 3.2 Middleware (optional)

Dimensions

Width x depth x height
200mm x 150mm x 40mm (without packaging)
Weight 540g (without accessories and packaging)
Power Consumption 12W (W/O, HDD, USB, DVB)
Low power in standby
Power Input 12V DC
Power Adaptor 90-250V/50-60Hz AC
Operating temperature 0°C to 45°C
Operating Humidity 8%-95% (non-condensing)

Accessories (optional)

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



MEDIA PLAYER



SOCIAL APPS



ARCHIVE BY GENRES



CATCH-UP TV

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... and more!