



Juice HYBRID

DVB-T
TERRESTRIAL

DVB-C
CABLE

DVB-S2
SATELLITE

Juice Hybrid

Fine-tuned IP&DVB box for Over-The-Top Delivery

Juice Hybrid delivers value-added on-demand services thanks to its hybrid IPTV & DVB-T/C/S capabilities. Together with PVR recording features and crystal clear picture up to the 1080p (even in Picture-in-Picture!) it helps you to create highly competitive digital video experience for your market. Equipped with state-of-the-art free middleware and segment streaming Juice Hybrid represents the best option to increase your presence in unmanaged networks worldwide.

Key features

- ▶ All SD and HD resolutions **up to 1080p**
- ▶ Very fast integrated chipset **800DMIPS**
- ▶ Vast output possibilities - analogue, **digital and optical**
- ▶ Noise close to zero
- ▶ Extremely **reasonable price**

Highlights

STM 7162/7167/7111 System-on-Chip 800+DMIPS ultra fast compact processor for FullHD and crystal clear digital audio

Interactive TV Support - Multicast TV, Electronic Program Guide, VOD, nPVR, Mozaic

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.

Outputs

- HDMI 1.3a: High definition & standard definition digital audio/video interface
- TOSLINK Digital Audio optical
- CINCH Coaxial Y Pb Pr
- RCA
- Internal SATA (for PVR)
- 2x USB 2.0 - front&back panel
- RJ45 (Ethernet 10/100baseTx)
- RF IN&OUT (pre-integrated DVB-T/C/S tuner)
- Infrared Receiver

Other features

- Digital Surround Support
- Different browsers integrated - Opera, Ekioh, Access
- DVB-T pre-integrated
- HTTP Live Streaming support
- Fast vector graphics thanks to integrated SVG Engine
- DRM support from Verimatrix and Securemedia
- Full subtitles support
- HbbTV Support
- DLNA Server&Player support (coming soon)
- High-Resolution front OLED display (optional)
- HDD - internal or external through SATA or USB (optional)

Košice / Colorado / Moscow / Hong Kong / Shen-Zen / Singapore

www.antiktech.com

Antik Technology

Global Office

Carskeho 10

04001 Kosice, Slovakia (European Union)

Tel.: +421 55 30 12345 / Fax: +421 55 623 4401 / E-mail: info@antiktech.com / Skype: juiceiptv

ADVANCE INFORMATION:

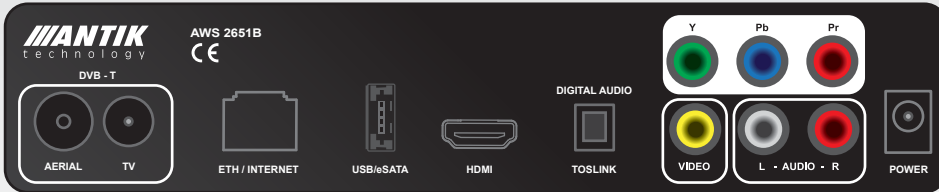
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ANTIK
technology



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 Hybrid Specifications

Video

- Outputs**
 HDMI 1.3a
 CINCH Coaxial Y Pb Pr
 RCA output
 RF IN/OUT (for DVB-T/C/S)

- 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 SCART/RCA

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

Other Interfaces

- Ethernet 10/100Mbps Ethernet RJ 45
 SATA internal for PVR HDD
 USB 2.0 (1x front and 1x back panel)
 IR receiver
 SmartCard reader (in DVB-S2 versions)

CPU & Memory

- CPU STi 7162/7167/7111 450MHz, 800 DMIPS
 DRAM 256 MB
 Flash 256 / 512 MB

DRM/CA

- Verimatrix
 SecuMedia

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)
 BeeSmart 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 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)

Accessories (optional)

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

Juice Hybrid version:	7167ST	7167SC	7111SS2	7167RT	7167RC	7111RS2	7162ST	7162SC	7111S2	7162RT	7162RC	7111RS2
Internal HDD	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No
eSATA interface internal/external	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	No / No	No / No	No / No	No / No	No / No	No / No
SCART	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	No	No
RCA	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
DVB-T	Yes	No	No	Yes	No	No	Yes	No	No	Yes	No	No
DVB-C	No	Yes	No	No	Yes	No	No	Yes	No	No	Yes	No
DVB-S2	No	No	Yes	No	No	Yes	No	No	Yes	No	No	Yes
NAND Flash Memory Upgrade to 512MB	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available

Antik Technology
 Global Office
 Carskeho 10
 04001 Kosice, Slovakia (European Union)
 Tel.: +421 55 30 12345 / Fax: +421 55 623 4401 / E-mail: info@antiktech.com
 / Skype: juiceiptv

Warranty 24 months
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