

# SceneGate 8073

## High Definition IPTV/OTT Set-top Box



### Customisable

Match the set-top box with logo and corporate colors and adapt services via SceneGate SDK

### Compact

Available in a tiny size for easy integration

### Efficient

Low power consumption (<5 W) and EU CoC standby power mode (<1 W)



## The Product

The SceneGate 8073 is an entry level OTT and IPTV Set-top Box (STB) with a very small form factor. It is an ideal STB to deliver IPTV or OTT services or can be used as cost efficient “second room” STB.

While small in size, the performance equals the larger models of the SceneGate 8000 series. The latest system on chip technology provides enhanced processing power and memory, allowing sophisticated applications and attractive user interfaces.

albis-elcon has made exceptional efforts to optimize the system and graphic performance to its best. The flexible software framework provides open APIs for integration with native or browser based middleware clients and applications.

For integration with today’s internet media offerings, the software framework can be extended with a flexible media engine allowing demultiplexing and decoding of the most popular container and codec format including flash video. In addition DLNA based media sharing is available for applications to allow in-home streaming or multi-room concepts.

With its contemporary design the SceneGate 8073 is a cost-attractive entry level device for today’s living room services. High engineering quality and optimized software guarantee excellent user experience and customer satisfaction for your services.

## Key Features

- Full HD and 3D TV Support
- HDMI™ 1.4b with HDCP
- SceneGate SDK
- EU CoC Standby Power Mode
- Learnable Remote Control

## Technical Data

### System

- Chipset: StiH206 700 MHz
- System memory: 512 MB DDR3
- Flash memory: 128 MB NAND, 2 MB NOR
- Graphics: DirectFB (2D HW Acceleration)
- Operating system: Linux® 3.4

### Physical Characteristics

- Data interfaces: 1x USB 2.0 host (side); 1 x Ethernet WAN (10/100 Mbps)
- Audio interface: 1x S/PDIF Optical; L/R audio via 9 pin mini DIN
- Video interface: 1x HDMI™ 1.4b; SCART or CVBS via 9 pin mini DIN adapter
- LED indicators: 1x LED (Status)
- Buttons: None
- Dimensions (W x D x H): ~85 mm x 85 mm x 35 mm
- Power Consumption: <5 W (without any USB device connected; Standby <1 W)
- Weight: ~150 g

### Coding

- Audio:
  - MPEG-1 L1/L2; MPEG-2;
  - Dolby® Digital (Plus) 2.0/5.1 (AC-3), Down Mix, Dolby® Digital (Plus) pass through to HDMI and S/PDIF,
  - Dolby® PULSE<sup>1</sup>, WMA; MPEG-1 L3 (MP3)<sup>1</sup>, AAC<sup>1</sup>, HE-AAC<sup>1</sup>, HE-AAC v2<sup>1</sup>, DTS<sup>1</sup>, FLAC+ALAC\*
- Video:
  - MPEG-2 MP@ML (SD) and MP@HL (HD 1080p@30Hz); max. display resolution 1080p@60Hz;
  - MPEG-4 Part 10 (H.264) MP@L3 (SD) and HP@level 4.1 (HD 1080p@30); Display resolution up to 1080p@60Hz;
  - MPEG-4 Part 2 (DivX®), VC-1, VP6<sup>1</sup>, FLV<sup>1</sup>

# SceneGate 8073

## High Definition IPTV/OTT Set-top Box



### Technical Data

#### Copy Protection

- HDCP; Rovi Analogue Copy Protection

#### Certificates

##### CE-Declaration of Conformity

- Safety: EN 60065 (EN 60950)
- EMF: EN 50371
- EMC/Emission: EN 55013, EN 55022, EN 61000
- EMC/Immunity: EN 55020, EN 55024
- EUP: Regulation EC No. 278/2009

#### Further

- UL/FCC
- Anatel

#### Protocols

RTSP (VoD), DHCP, NTP, IGMPv2/v3; RTP; HTTP(S), UDP, HLS, Microsoft Smooth Streaming

#### Services

- Internet based interactive services, IPTV, VoD, OTT services

#### Hardware Options

- External Hard Disc Drive (on e stream recording)

#### Software Options

##### Middleware/Application

- Zappware - Flux/Nexx;
- Tara Systems - TVolution;
- Beenius - BeeSmart;
- Nordija - fokusOn<sup>3</sup>;
- Teleste - Ubique;
- Avion;
- others on request

#### DRM/CA

- Verimatrix;
- Microsoft PlayReady™;
- others on request

#### Misc

- Ekioh Webkit;
- Ekioh SVG UI Engine;
- Skelmir JVM;
- Media Player (DLNA based);
- Universal Media Framework;
- Software Update Server;

- Cisco VQE (RET);
- Qarva FCC;
- Software Development Kit with C/C++ API or JavaScript API

#### Accessories

- Remote Control with 4 learnable keys to control major functions of TV-Set;
- Ethernet cable;
- HDMI cable;
- SCART adapter cable;
- Audio/Video adapter cable (3 x RCA)

#### Scope of delivery

- SceneGate 8073 STB;
- Power Supply (12V/1 A);
- Manual (English);
- selected accessories

#### Customization Options

- Customer specific Remote Control;
- Customer Logo on RC and STB Front Panel;
- Labeling and Packaging;
- Cables;
- Boot and Splash Screen

\* optionally available on request

<sup>1</sup> optionally available on request; requires additional license

**Note:** The document is for information purpose only and is not part of an offer or contract. Delivery of products and services subject to availability, right of technical modifications reserved. All brands, product names or trademarks mentioned are the property of their respective owners.