

# SceneGate 8000

High Definition IPTV STB

Set-top Box

The SceneGate 8000 is an entry level IPTV STB built in a compact housing. It is an ideal STB to deliver standard services or can be used as cost efficient «second room» STB. Using an external IR extender the STB can also be used in solutions requiring concealed environments.



It provides the most relevant interfaces while offering high definition (HD) decoding and display quality up to 1080p with 60 Hz via an HDMI™ 1.3 interface. Therefore high definition content services like Video on Demand (VoD) and linear IPTV services can be brought to the user with unique quality.

The latest system on chip technology provides enhanced processing power and memory, allowing sophisticated applications and attractive user interfaces.

- Video Display 1080p
- HDMI 1.3 with HDCP
- Flexible Software API
- EU CoC Stand-by Mode
- IR Extender interface

Albis Technologies 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 de-multiplexing 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 8000 STB is a cost-attractive device for today's living room services. High engineering quality and optimized software guarantee excellent user experience and customer satisfaction for your services.



## System

|                  |  |
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| Chipset          | Sti7105, >800DMIPS general purpose CPU |
| System memory    | 256 MB / 512MB* DDR2-800MHz            |
| Flash memory     | 128 MB NAND, 2 MB NOR                  |
| Operating system | Linux® 2.6                             |

## Physical Characteristics

|                    |  |
|--------------------|--|
| Data interfaces    | 1 x USB 2.0 host (rear); 1 x Ethernet WAN (10/100 Mbps);<br>1 x IR extender interface; 1 x eSATA interface |
| Audio interface    | 1 x Audio L/R; 1 x S/PDIF optical  |
| Video interface    | 1 x HDMI™ 1.3; 1 x SCART; 1 x Composite  |
| LED indicators     | Power on/standby; IR, CON, MODE  |
| Buttons            | Power On/Off (rear); Standby (front)   |
| Dimensions (BxTxH) | 250 mm x 135 mm x 40 mm  |
| Power Consumption  | < 7 Watt (Standby <1 W)  |
| Weight             | ~ 0.7 kg (depending on selected options)   |

## Coding

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

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| <b>Copy Protection</b> | HDCP; Rovi Analogue Copy Protection |
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| <b>Certificates</b> | CE-Declaration of Conformity:<br>Safety: EN 60065 (EN60950)<br>EMF: EN 50371<br>EMC/Emission: EN 55013, EN 55022, EN 61000<br>EMC/Immunity: EN 55020, EN 55024;<br>EUP: Regulation EC No. 278/2009 |
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| <b>Protocols</b> | RTSP (VoD), DHCP, NTP, IGMPv2/v3, RTP, HTTP(S), UDP, HLS |
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| <b>Services</b> | Internet based interactive services, IPTV, local PVR services, VoD, OTT services |
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| <b>Hardware Options</b> | Smart Card Reader |
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## Software Options

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| Middleware/Application | Nokia Siemens Networks - IPTV solution; Dreampark - Dreamgallery; Zappware - iView; Tara Systems - TVolution; BeeSmart; Others on request |
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| DRM/CA | Verimatrix, others on request |
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| Misc | Opera Browser™; Ekioh UI Engine; Skelmir JVM; Media Player (DLNA based); Universal Media Framework; Software Update Server; Cisco VQE (RET); Software Development Kit for C/C++ API or JavaScript API |
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| <b>Accessories</b> | Remote Control; IR extender<br>Ethernet Cable; SCART cable; HDMI cable;<br>Audio L/R cable (2 x RCA) Audio/Video cable (3 x RCA) |
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| <b>Scope of delivery</b> | SceneGate 8000 STB; Power Supply (12V/1.5A); Manual (English); selected accessories |
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| <b>Customization Options</b> | Customer specific Remote Control; Customer Logos on RC and Front Panel; Labeling and Packaging; Cables; Boot and Splashscreen |
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\* optionally available on request

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

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