SceneGate Micro (8083)
High Definition IPTV/OTT STB

The SceneGate Micro (8083) is an entry level IPTV STB built in very small housing. It is an ideal STB to deliver classic IPTV services or can be used as cost efficient "second room" STB. Using an external IR extender the STB can also be used in concealed environments.

The successful SceneGate Micro (8083) has been tuned to deliver more. Now supporting HDMI™ 1.4b and a default memory configuration of 512MB; better addressing requirements for OTT solutions and applications. The new SceneGate Micro (8083) also provides up to 50% more computing power; further improving user experience.

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

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

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 Micro (8083) 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

Chipset	StiH207 650 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 (front); 1 x Ethernet WAN (10/100 Mbps); 1x IR extender interface
Audio interface	1x Audio L/R; 1x S/PDIF optical
Video interface	1x HDMI™ 1.4b; 1x Composite
LED indicators	1x LED (Status)
Buttons	None
Dimensions (W x D x H)	140 mm x 100 mm x 34 mm
Power Consumption	<5 W (without any USB device connected; Standby <1 W)
Weight	~200 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[1], WMA MPEG-1 L3 (MP3)[1], AAC[1], HE-AAC[1], HE-AAC v2[1], DTS[1], 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 4.2 (HD 1080p@60) or Dual HD HP@level 4.1 (HD 1080p@30); Display resolution up to 1080p@60Hz MPEG-4 Part 2[1] (DivX®), VC-1[1], VP6[1], FLV[1]
Copy Protection	HDCP; Rovi Analogue Copy Protection
Certificates	CE-Declaration of Conformity: Safety: EN 60065 (EN60950) EMF: EN 50371 EMC/Emission: EN 55013, EN 55022, EN 61000 EMC/Immunity: EN 55020, EN 55024; EUP: Regulation EC No. 278/2009
Protocols	RTSP (VoD), DHCP, NTP, IGMPv2/v3; RTP; HTTP(S), UDP, HLS
Services	Internet based interactive services, IPTV, VoD, OTT services, Local PVR
Hardware Options	External Hard Disc Drive

Software Options

Middleware/Application	Zappware - Flux/Nexx;Tara Systems - TVolution; Beenius - BeeSmart; Nordija - fokusOn³; Teleste - Ubique; Aviion; others on request
DRM/CA	Verimatrix; others on request
Misc	Opera Browser™; Ekioh UI Engine; Skelmir JVM; Media Player (DLNA based); Universal Media Framework; Software Update Server; Cisco VQE (RET); Software Development Kit with C/C++ API or JavaScript API
Accessories	Remote Control; Ethernet Cable; SCART cable; HDMI cable; Audio L/R cable (2 x RCA) Audio/Video cable (3 x RCA)
Scope of delivery	SceneGate Micro (8083) STB; Power Supply (12V/1A); Manual (English); selected accessories
Customization Options	Customer specific Remote Control; Customer Logo on RC and STB Front Panel; Labeling and Packaging; Cables; Boot and Splashscreen

* optionally available on request
[1] optionally available on request; requires additional license