

SceneGate Micro

High Definition IPTV STB

Set-top Box

The SceneGate Micro 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 SceneGate Micro is targeted for High Definition capable services using HDMI™ as the preferred video interface. It offers high definition (HD) decoding and display quality up to 1080p with 60 Hz via an HDMI™ 1.3 interface.

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.

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



DOLBY
DIGITAL

DVB
Digital Video
Broadcasting

HDMI

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 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.

albis
technologies

System

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

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™ 1.3; 1x Composite
LED indicators	1x LED (Status)
Buttons	None
Dimensions (BxTxH)	140 mm x 95 mm x 335 mm
Power Consumption	<6 W (Standby < 1W)
Weight	~0.2 kg

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 S/PDIF MPEG-1 L3 (MP3) ¹ , AAC ¹ , HE-AAC ¹ , WMA ¹ , DTS ¹
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 ¹ (DivX®), VC-1 ¹ , VP6 ¹ , FLV ¹

Copy Protection	HDCP; Rovi Analogue Copy Protection
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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
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Protocols	RTSP (VoD), DHCP, NTP, IGMPv2/v3; RTP; HTTP(S), UDP, HLS
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Services	Internet based interactive services, IPTV, VoD, OTT services
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Hardware Options	None
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Software Options

Middleware/Application	Nokia Siemens Networks - IPTV solution; Dreampark - Dreamgallery; Zapp- ware - 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 with C/C++ API or JavaScript API
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Accessories	Remote Control; Ethernet Cable; SCART cable; HDMI cable; Audio L/R cable (2 x RCA) Audio/Video cable (3 x RCA)
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Scope of delivery	SceneGate Micro STB; Power Supply (12V/2A); Manual (English); selected accessories
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Customization Options	Remote Control; Customer Logos on RC and Front Panel; Labeling and Packaging; Cables; Boot and Splashscreen
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* optionally available on request

¹ optionally available on request; requires additional license