amino

aminet
A129

IPTV/OTT STB

THE A129 DELIVERS HIGH PERFORMANCE EVEN IN STANDARD DEFINITION (SD) DEPLOYMENTS

For operators who offer both SD and HD service packages, the Aminet A129 offers a flexible and highly cost effective solution. With simple AV connectivity to the TV, the A129 combines the reliability and value you have come to expect from our Aminet software with new OTT functionality to ensure you can offer the very latest in entertainment services.

Over-the-top (OTT) capability

OTT allows operators to combine traditional pay-TV programming with popular user-generated content websites via the open Internet – adding a compelling new layer of content to service offerings. Amino now offers enhanced OTT capability across its IPTV range using the adaptive bitrate protocol HLS – http live streaming – to deliver reliable video service delivery even where high contention rates create service delivery challenges. Plus HLS offers new opportunities for "off-net" service delivery across the open Internet, extending both your service offering and reach. The A129 supports HTML5 audio and video tags enabling multiscreen compatible user interfaces. The A129 also offers OTT "trickplay" functionality – offering customers the same smooth fast forward, rewind and accurate skips that they have come to expect from the traditional IPTV experience. HLS recording is also available along with PVR-like pause live TV - dependent on your chosen middleware. The A129 also offers and HLS streamer - providing APIs to allow middleware to stream recorded content to other home devices.

Reduce the cost of AVC transition

The support of MPEG-2 and MPEG-4 standard definition does not render the STB obsolete when a network upgrades to deliver high definition content. The A129 is easily deployed on the same network, for use with secondary TVs in the home.

Compact and elegant

Despite its entry level position, it keeps the same classic compact and elegant Amino design, making it a stylish addition to any installation.

Extensive ecosystem support

The A129 is supported by an extensive ecosystem of middleware, browser, conditional access and DRM options required for the widely varying configurations of the IPTV market.

Comprehensive design tools and support

Amino software technology is based on open standards such as Linux and HTML. Application developers for the A129 benefit from the Amino JMACX system which enables full control of the STB functions from the browser. JMACX provides the service operator with a powerful set of HTML and JavaScript extensions which allow simple and highly effective user interface designs to be created or ported. For increased flexibility in creating custom applications ADKs and SDKs are also available.

Software updates and maintenance

The A129 holds a complete software image in on-board flash memory and is also designed to support secure bootstrap from a multicast server. At any time, a deployed A129 can be upgraded with a new software image via the secure multicast server. For security, software images can be signed with keys unique to each deployment.

To find out more about the A129 please contact an Amino representative by emailing info@aminocom.com

aminet A129

SPECIFICATION

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SIZE AND WEIGHT	114mm x 100mm x 35mm. 270g (excluding accessories and packaging)
INPUTS	Ethernet 10/100 BaseT via RJ-45 shielded connector
OUTPUTS	10-way Mini-DIN for Composite video, Component (YPrPb), RGB, S-Video and analogue audio.
POWER	5V DC at 1.5A via external power supply <8W typical usage (external supply input voltage 100-240V AC 50-60Hz 0.8A max)
CODECS	MPEG-2 MP@ML. MPEG-4 MP@L3
VIDEO RESOLUTIONS	PAL and NTSC
AUDIO	Analogue stereo audio out
SECURITY	Wide selection of DRM and Conditional Access support. Macrovison (option), CGMS-A
SUPPORT	Macrovison (option), CGMS-A
MEMORY	128MB Flash, 256MB RAM
FRONT PANEL LEDS	Standby/IR command received (Red)
OPERATING ENVIRONMENT	ETS 300-019-1-3 Class 3.1
EMC CONFORMANCE	FCC Part 15 class B. 2004/108/EC EN55022
SAFETY APPROVALS	CAN/CSA-C22.2 No. 60950-1-03 EN 60950
ROHS	2002-95-EC
WEEE	2002-96-EC
OPERATING TEMPERATURE	0˚C (32˚F) to 40˚C (104˚F)
STORAGE HUMIDITY	5% to 95% RH (non-condensing)

ACCESSORIES

Remote control	Standard
Power supply with regional power cord	Standard
Anti-slip base	Standard
IR keyboard	Optional
SCART cable	Optional
Component (YPrPb or RGB) cable	Optional
S-VHS & Composite (CVBS) cable	Optional

For any more information on available accessories, please see the Amino accessories brochure

POWERED BY aminet
INDUSTRY LEADING SOFTWARE

About Amino Communications

Amino Communications is a leading global IPTV and OTT digital TV innovator, enabling major network operators and service providers to connect their customers to the entertainment experiences they love. Amino combines iconic products, industry-leading software, deep specialist IP technology expertise and partnerships with the foremost ecosystem partners to deliver award-winning solutions to over 850 customers in 85 countries. Founded in 1997 and headquartered in Cambridge, Amino has offices in the US, China and Sweden, and is listed on the London Stock Exchange Alternative Investment Market (AIM symbol: AMO).

About Aminet

Aminet is Amino's core software solution and is at the heart of every set-top box we make – from the award-winning A110 to the latest next generation IPTV devices. Trusted by network operators to enable leading edge entertainment experiences, the aminet solution has built a reputation for ultra-reliability, robustness and flexibility delivering thousands of deployments across a wide range of network conditions and ecosystems worldwide. With over three and a half million aminet-driven set-top boxes deployed, Amino continues to innovate – adding exciting new OTT features to provide an even richer and more compelling entertainment experience.

www.aminocom.com