

A129

STANDARD DEFINITION IP-STB

Next generation MPEG-2 and MPEG-4 standard definition IP-set-top box (STB) for entry level deployments

The world of IPTV has rapidly evolved in its relatively short history - from MPEG-2 to MPEG-4, from SD to HD - and a host of other standards and features to support the delivery of TV services over managed broadband networks. This can make decisions about infrastructure and what STB to deploy a difficult task for operators. Amino's new range of high performance IP-STBs makes that decision much easier. For operators that do not need to deliver high definition services, the A129 offers a standard definition option, with simple AV connectivity to the TV, resulting in a highly cost effective solution.

"The A129 delivers Amino high performance even in SD deployments."

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.

TO FIND OUT MORE ABOUT THE A129 PLEASE CONTACT AN AMINO REPRESENTATIVE TODAY.



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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. The multicast approach ensures that very large numbers of deployed set-top boxes can be upgraded without placing an individual load on the server or the network. For security, software images can be signed with keys unique to each deployment.

ABOUT AMINO COMMUNICATIONS

Amino Communications is a world leading IPTV and hybrid/OTT innovator – bringing new entertainment products and solutions to a global market. With over three million devices sold to 850 customers in 85 countries, Amino's award-winning solutions are deployed by major network operators and service providers worldwide. Amino's speed-to-market, agility and leading-edge technology has secured important partnerships with global vendors, including Intel® and Ericsson, to deliver the rich entertainment experience consumers are demanding. Amino Communications is a wholly owned subsidiary of Amino Technologies plc and listed on the London Stock Exchange Alternative Investment Market (AIM: symbol AMO). It is headquartered near Cambridge, in the UK, with offices in the US, China and Sweden.

SPECIFICATION

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. Macrovision (Option)
MEMORY	64MB Flash, 128MB 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 EN60950

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 (510-710)	Standard
Power supply with regional power cord	Standard
Anti-slip base	Standard
IR keyboard (502-455)	Optional
SCART cable (502-418)	Optional
Component (YPrPb or RGB) cable (502-419)	Optional
S-VHS & Composite (CVBS) cable (502-594)	Optional



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