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The A125 is a multi-codec set-top box (STB) designed for IPTV and Video-on-Demand (VoD) applications

With an Ethernet input and highly flexible audio and video outputs, the A125 provides an elegant and powerful means of delivering sophisticated interactive digital television - including multicast, Video-on-Demand (VoD) and Internet access. The advanced low-cost chipset used in the A125 features a combined programmable codec DSP and host processor. This enables development of new services to increase revenue per subscriber while offering protection against changing standards.

" Supplied in a compact and elegant enclosure, the A125 adds style to the most visible component "

INCREASE RETURN ON INVESTMENT
Advanced codecs such as H.264 use lower bitrates enabling more customers to be served with the same infrastructure and increasing the reach of DSL networks.

REDUCE THE COST OF AVC TRANSITION
Multiple codec capability enables the same STB to be used on legacy and advanced networks eliminating the need for a truck-roll when the infrastructure is upgraded.

COMPACT AND ELEGANT
Supplied in a compact and elegant enclosure, based on the award-winning A100 design, the A125 adds style to the most visible component of an IPTV deployment.

EXTENSIVE ECOSYSTEM SUPPORT
The A125 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 A125 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.

A125

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SOFTWARE UPDATES AND MAINTENANCE

The A125 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 A125 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. S/PDIF (RCA). USB2.0. RF Loop through and Modulator
POWER	5.2V DC at 1.2A via external power supply 6W 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
GRAPHICS RESOLUTIONS	640x438 (NTSC) and 640x512 (PAL)
AUDIO	Analogue stereo audio out. Stereo and Dolby 5.1 surround via S-PDIF (coax). Dolby Digital pass through to external decoder
SECURITY	Wide selection of DRM and Conditional Access support. Macrovision (Option)
MEMORY	32MB Flash, 128MB RAM
FRONT PANEL LEDS	Standby/IR command received (Red)
SMART CARD INTERFACE	ISO-7816

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. 60065-03 EN60065
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
Regional power supply with power cord	Standard
Anti-slip base	Standard
IR keyboard	Optional
SCART cable	Optional
Component (YPrPb) cable	Optional
S-VHS & Composite (CVBS) cable	Optional
RGB cable	Optional

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