amino

A130H

HIGH DEFINITION IP-STB FOR GUEST ROOM APPLICATIONS

A premium solution for Guest Room IPTV applications, the A130H comes with MPEG-2 and MPEG-4/H.264 support

Video-on-Demand (VoD) services provide hoteliers with a significant opportunity to increase revenue. The A130H builds on this by bringing the high definition experience to guests. It comes in a discreet, robust case designed for secure, under-desk mounting.

ADVANTAGES
The A130H is an ideal component of a digital guest room entertainment solution. Fully digital systems provide numerous benefits for the operator, including:

- Easy update of content via remote download - no more tapes or CDs to track and ship
- Remote management of the system - fewer on-site service calls
- Ability to integrate with other guest services - telephony, Internet, billing, information.

GUEST INTERNET CONNECTION
Guest Internet usage can be an integral part of the service and a key revenue source. With the A130H, it is not necessary to route multiple physical networks to each guest room. The A130H provides a dedicated, fast Ethernet connection for guest use. The connection has built-in quality of service (QoS) control allowing guest and video traffic to share a single IP network with complete security and without compromising video transmission quality.

TV INTERFACE (TVI)
For prestigious developments where specific hospitality TVs are used, the A130H can be factory fitted with TVI. This enables the STB to directly control compatible TVs and brings the following benefits:

- No visible hardware when using the TV remote control
- TV control through STB, browser and network.

EXTENSIVE ECOSYSTEM SUPPORT
The A130H 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 A130H 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 A130H PLEASE CONTACT AN AMINO REPRESENTATIVE TODAY.

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SOFTWARE UPDATES AND MAINTENANCE

The A130H 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 A130H can be upgraded with a new software image via the secure multicast server. The multicast approach ensures that very large numbers of deployed set-tops 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	140mm x 114mm x 40mm. 500g (excluding accessories and packaging)
INPUTS	2 x Ethernet 10/100 BaseT via RJ-45 shielded connector
OUTPUTS	HDMI 1.2a. with HDCP 10-way Mini-DIN for Composite video, Component (YPrPb), RGB, S-Video and analogue audio. S/PDIF (optical). USB2.0. IR extender and TVI port.
POWER	5V DC at 1.5A via external power supply Less than 8W typical usage (external supply input voltage 100-240V AC 50-60Hz 0.8A max)
CODECS	MPEG-2 MP@HL MPEG-4 pt10 AVC/H.264 HP@L4
VIDEO RESOLUTIONS	up to 720p and 1080i
GRAPHICS RESOLUTIONS	HD graphics up to 1280x720
AUDIO	Analogue stereo audio out. Stereo and Dolby 5.1 surround via S-PDIF and HDMI. Dolby Digital pass through to external decoder
SECURITY	Wide selection of DRM and Conditional Access support. HDCP on HDMI Macrovision on SD outputs (option)
MEMORY	32MB Flash, 192MB RAM
FRONT PANEL LEDS	Power on /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. 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
IR keyboard	Optional
AV cable options	Optional
IR extender	Optional
TVI connection	Optional

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