

# A530

## HIGH DEFINITION IP-STB BOX WITH DVR

A high definition, comprehensively specified set-top box (STB) with integral digital video recording (DVR) capability for IPTV applications

**The A530 is a highly specified IP-STB. With high definition, and advanced codec support, coupled with DVR capability, it allows operators to maximise their revenues through advanced service features.**

### ADVANCED CODEC SUPPORT

The support of low bitrate advanced video codecs provides operators with the opportunity to grow revenue generating services, while maximising the efficient use of network bandwidth, creating the ability to:

- Reach a greater number of subscribers
- Increase the number of interactive and multicast channels
- Enhance viewing experience with HD channels.

### HIGH DEFINITION

As HD displays become established in living rooms around the world, consumers want to watch more and more HD programming. The A530 delivers the increased detail and realism of HD programming at 720p and 1080i resolutions - content that brings greater revenue potential for telcos.

### DIGITAL VIDEO RECORDING

The integral hard disk drive brings time shift recording of multiple channels, pause live TV and push Video-on-Demand (VoD) capabilities to your service. Combined with suitable middleware, the A530 also supports multi-room DVR capability, significantly increasing the revenue opportunities per installation.

### EXTENSIVE ECOSYSTEM SUPPORT

The A530 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 A530 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 A530 PLEASE CONTACT AN AMINO REPRESENTATIVE TODAY.**

*“ The A530 will continue to deliver the high performance required for the developing demands of the IPTV market ”*



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## SOFTWARE UPDATES AND MAINTENANCE

The A530 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 A530 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

<b>SIZE AND WEIGHT</b>	185mm x 240mm x 70mm. 1.8Kg (excluding accessories and packaging)
<b>INPUTS</b>	Ethernet 10/100 BaseT via RJ-45 shielded connector
<b>OUTPUTS</b>	HDMI 1.2a. with HDCP. S/PDIF (optical). USB2.0 (x3). Composite video RCA, S-VHS, Stereo Audio RCA, Component (YPrPb) RCA, RF loop through and modulator.
<b>POWER</b>	12V DC at 2.5A via external power supply Less than 12W typical usage (external supply input voltage 100-240V AC 50-60Hz 1.3A max, output 12VDC 4A)
<b>HDD</b>	160GByte standard.
<b>CODECS</b>	MPEG-2 MP@HL MPEG-4 pt10 AVC/H.264 HP@L4
<b>VIDEO RESOLUTIONS</b>	Up to 720p and 1080i
<b>GRAPHICS RESOLUTIONS</b>	HD graphics up to 1280x720
<b>AUDIO</b>	Analogue stereo audio out. Stereo and Dolby 5.1 surround via S-PDIF and HDMI. Dolby Digital pass through to external decoder
<b>SECURITY</b>	Wide selection of DRM and Conditional Access support. HDCP on HDMI. Macrovision on SD outputs (option)
<b>MEMORY</b>	32MB Flash, 192MB RAM
<b>FRONT PANEL LEDS</b>	Standby/power on (Red/Green) IR command received (Blue ), Record (Red)

<b>FRONT PANEL BUTTONS</b>	Standby, menu, 4 way navigation, OK
<b>OPERATING ENVIRONMENT</b>	ETS 300-019-1-3 Class 3.1
<b>EMC CONFORMANCE</b>	FCC Part 15 class B EN 60065
<b>SAFETY APPROVALS</b>	CAN/ CSA-C22.2 No. 60065-03 IEC 60065:2001
<b>ROHS</b>	2002-95-EC
<b>WEEE</b>	2002-96-EC
<b>OPERATING TEMPERATURE</b>	0°C (32°F) to 40°C (104°F)
<b>STORAGE HUMIDITY</b>	5% to 95% RH (non-condensing)

## ACCESSORIES

Remote control	Standard
Regional power supply with power cord	Standard
Component (YPrPb) cable	Standard
Stereo audio cable	Standard
IR keyboard	Optional
HDMI cable	Optional
SCART cable	Optional
S-VHS cable	Optional



[www.aminocom.com](http://www.aminocom.com)

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