



STREAMING & BEYOND

IP Set top box

A125

A multi-codec (MPEG-2, MPEG-4 & WM9) IP set-top box (STB) designed for IPTV and Video-on-Demand (VoD) applications

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.

Increase return on investment

Advanced codecs such as H.264 and WMV9 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.





Specification

Video Codec	MPEG-1, MPEG-2, MPEG-4, MPEG-4 AVC, H.264, VC1 (WMV9)
Audio Codec	AC, ACC, MP3, WMA
Video Outputs	Composite, S-Video, Component, RGB, RF Modulator
Output Resolution	525-line NTSC, 625-line PAL
Protocol	RTSP, IGMP, RTP, HTTP
Browser	Opera web browser , support HTML and Java Script

Features

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) / Internet Connection
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

Regional power supply with power cord

Infrared remote control

Composite (CVBS) cable

