

IP Settopbox TVR



Frontview

STB TVR SD 110

The settopbox (STB) is the device that connects to the television and an external source of signal, turning the signal into content which is then displayed on the television screen. The settopbox is cost-effective, designed specifically for use in hotel and motel guest rooms.

It is also suitable for enterprise applications where a discreet, robust TV decoder is required.

Advantages

Fully digital systems provide numerous benefits for the operator:

- 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
- Able to integrate with other guest services - telephony, Internet, billing, information

The settopbox is an ideal component of a digital guestroom entertainment solution.

Guest Internet Connection

Guest Internet usage can be an integral part of the service. With the settopbox it is not necessary to route multiple physical networks to each guest room. The settopbox 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.

Main Features:

- Second, fast Ethernet port for guest Internet connection (switched for security and reliability, QoS control)
- Connection for miniature IR Extender
- Discreet, robust chassis, with integral fixings
- Flexible audio and video output: composite Video, S-Video, Component, RF, RGB, Stereo Audio
- Dolby 5.1 multi-channel audio (electrical SP-DIF, ideal for prestigious installations)
- USB Port (connection for game controller)
- IR Remote Control (combines STB and TV command functions)
- Video decode with picture in graphics technology (MPEG1 & MPEG2 MP@ML)
- Video Protocols (Multicast IPTV (IGMP control), VoD (RTSP control))
- Cost-effective management and maintenance (key-protected, scalable multicast software upgrade, remote management via network)
- Macrovision copy protection
- HTML 4 browser with JavaScript

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Rearview

Browser Options

The settopbox can be supplied with either ANT or the Opera browser.

IR Extender

For prestigious environments, where a minimum visibility installation is required, the settopbox can be installed out of sight behind a cabinet or partition. To allow control of the STB an IR Extender (sold separately) replicates the IR input and blasting facility on the front of the STB, with a range of 6 metres (minimum using a remote). The IR Extender is mounted close to the guest-room TV using the adhesive pads supplied. Its 2.5 metre cable plugs into the STB connector, allowing power to be supplied by the settopbox.

Installation requires

- One power socket for the external, in-line power supply
- One Ethernet connection to a central video server
- RF video feed for terrestrial broadcast channels (optional)
- Remote IR Extender (optional)

Content Protection

The settopbox supports a variety of smart-card-less Conditional Access (CA) systems (contact a sales representative for the latest information).

Errors and omissions excepted. Several hardware components and images can differ at the time of the order.

Release 05/2010

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Technical Details:

- Video Out: Composite, S-Video, Component Video, Scart, 4:3 and 16:9 formats, RF loophrough NTSC-M
- Audio Out: Stereo Audio, Dolby 5.1
- Peripheral Port: USB 1.1
- Graphics Resolution: 640x438(525-line) or 640x512(625-line), 16 bit RGB colour, 8-bit Alpha Blending
- Codecs: MPEG1 & MPEG2 MP@ML
- Size: STB – 170x136x37mm (W x D x H)
- IR Extender – 34x54x20mm (W x D x H)
- Weight: 700g
- Construction: Zintec pressing
- Finish: Black, painted
- Power: 5V, 800mA (nominal)
- Operating Environment: ETS 300-019-1-3 Class 3.1
- EMC Conformance: FCC Part 15, Class B
- Safety Approvals: UL 60950 and CSA approvals

Producer: Amino Ltd.

Robust

The settopbox is designed to be both discreet and robust. The slim line black case can be mounted under a desk or counter top and is designed to discourage unauthorised removal.