

HDX-200

Powerful and cost effective high definition set-top box, optimised for IP and Internet delivered services



Highlights

- Supports IPTV, on demand services & applications
- Cost-effective & compact multiroom solution
- Flexible home networking capability for delivering content & services around the home
- Optional support for Android™ 2.3 operating system
- Powerful microprocessor
- Multi-codec support including advanced video coding
- Ultra-low power operation meeting European energy efficiency requirements
- High level of connectivity: including HDMI®, S/PDIF & USB 2.0 connectors
- Supports both Ethernet & wireless networking
- Supports the industry's leading middleware, conditional access & digital rights management solutions

This small yet perfectly formed product is a powerful set-top box designed to receive IP-delivered content and services. Home networking support ensures that the HDX-200 can also act as a powerful multiroom solution.

The unit enables operators to deliver a wide range of IP-based services to their customers cost effectively, including on demand TV and connected TV applications.

The HDX-200 enables both IPTV and broadband TV operators, or suppliers of Internet TV or over-the-top TV (OTT) services to provide customers with access to content and services based on widely-established open standard technologies.

The HDX-200 can operate as a stand alone unit or as part of a multiroom, connected device network and supports the industry's leading conditional access, digital rights management and middleware solutions for the delivery of premium content and services.

This platform is ideal for enabling consumers to access entertainment

services in multiple rooms cost effectively and is compatible with industry standard protocols to ensure compatibility with other devices within the home.

Offering a wealth of connectivity to ensure the HDX-200's placement at the centre of a home entertainment system, interfaces include high quality HDMI®, wireless networking to the 802.11n standard, S/PDIF and USB 2.0.

Being highly compact in design (w150mm x d107mm x h34mm), the HDX-200 will fit unobtrusively into any location within the home.

Shipping with software that supports the most advanced methods of advanced video coding (AVC), the HDX-200 boasts support for MPEG-4, VC-1 and VP6. This ensures that operators and service providers can combine and deliver the best user experience, high quality IP video and audio whilst optimising the available bandwidth to deliver such services cost effectively.

EchoStar is a member of the Digital Living Network Alliance (DLNA®).

Technical Information

Hardware

Powerful 1500DMIPS core application processor
Multi-codec video and audio decoder DSP
1GB NAND Flash, 512MB SDRAM
Wireless networking support to 802.11n standard

Front Panel Interfaces

1 power/IR sensor LED
IR sensor
Optional smart card reader

Rear Panel Interfaces

HDMI® 1.3a with HDCP 1.3 support
Ethernet 10/100
USB 2.0 type A
Optical S/PDIF
Power input DC

Options

TV output - 10 pin Mini DIN A/V with RGB, instead of CVBS and L/R audio via RCA
RF lead, RCA to RCA lead
Mini-DIN to SCART lead (if Mini-DIN o/p selected)
MINI-DIN to RCA lead (if Mini-DIN o/p selected)
IR extension lead
Support for Android 2.3 (Gingerbread) operating system
Webkit and Chrome V8 JavaScript based browser
Adobe® Flash Player® 10.1, SQLite database, OpenGL ES 2.0

Software Features

Linux kernel 2.6.34
Graphically rich user interface with remote control navigation
Supports Internet based services including catch-up and on demand TV
HTTP dynamic streaming
IP/IGMP multicast and RTP/RTSP video server support
TV control and navigation, configuration, parental control
Channel organiser, favourite channels
Optional conditional access support
Home networking support to open industry standards

Accessories

Carton, quick start guide, external PSU
HDMI® lead, IR remote control & batteries

Power

230Vac, 50Hz
Operating power <10W
Standby passive <1w

Mechanical

Dimensions 150mm x 107mm x 34mm

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