

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

Android is a trademark of Google Inc.
Adobe and Flash are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.
DLNA is a registered trademark of the Digital Living Network Alliance.
HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
All other brand and product names are or may be trademarks of, and are used to identify products or services of, their respective owners

EchoStar Europe reserves the right to change the enclosed product specification at any time and without prior written notice. Product cosmetics are changeable and subject to customer approval.
© EchoStar Europe 2011.

[advanced connected device solutions]

T. +44 1535 659000 E. info@echostar-europe.com www.echostar-europe.com

ECHOSTAR
EUROPE

