

## HDT-420

Advanced, hybrid, HD terrestrial STB



## Highlights

- Supports MPEG-2 & MPEG-4/H.264 AVC
- Hybrid support for broadcast terrestrial TV, IPTV, plus on demand services & applications
- SD & HD video reception
- Pause, record & rewind live TV via simple field upgrade using USB hard disk drive
- High level of connectivity: including HDMI®, Ethernet, S/PDIF & USB connectors
- Supports the industry's leading middleware, conditional access & digital rights management solutions
- Ultra-low power operation for European energy efficiency requirements
- Cost effective design

The HDT-420 is a state-of-the-art high definition (HD) terrestrial set-top box combining the efficiency of broadcast terrestrial TV reception with the flexibility of on demand services and applications.

Particularly suited to situations where service providers wish to combine added-value IP services – including connected TV, on demand and over-the-top (OTT) content – with entertainment delivered via broadcast terrestrial channels, the HDT-420 is the ultimate digital entertainment solution.

This platform is ideal for enabling consumers to access entertainment services in multiple rooms and is compatible with industry standard protocols to ensure compatibility with other devices within the home. The HDT-420 will receive content and enable it to be shared with other devices throughout the home network providing the ultimate in flexibility and convenience.

Offering a wealth of connectivity, including high quality HDMI and Ethernet, this versatile platform also includes an optional field upgrade to

digital video recording (DVR) via a plug in hard disk drive (HDD) to provide flexible and convenient viewing options.

Multi device, multi screen viewing inside or outside the home is fully supported through our award winning *TV Anywhere* software solutions. *TV Anywhere* ensures that operators can embrace opportunities to increase ARPU and reduce churn by enabling content to be delivered securely to devices inside or outside the home.

By using the leading home networking and multi screen software standards and protocols (EchoStar is a member of the Digital Living Network Alliance®), we can extend your services securely to a variety of devices, ensuring that your content is no longer constrained to the main TV in the home.

Also ask about our SlingLoaded® technology, developed to provide your customers with the ultimate in convenience, enabling them to watch their content on their favourite mobile devices. Consumers can watch their home TV, access their DVR content and remotely manage their recordings through the SlingPlayer® Mobile application compatible with iPad, iPhone and Android™ based products.

# Technical Information

<b>Hardware</b>	DVB-T/T2 tuner MPEG-4 – Part 10 High Profile L4.0 video decoder 32MB Flash, 256MB DDR2 RAM EEPROM emulated in Flash Powerful 1500DMIPS core application processor
<b>Front Panel Interfaces</b>	3 front panel buttons, smart card reader Status LED indicator, IR sensor, USB port (USB 2.0)
<b>Rear Panel Interfaces</b>	HDMI® 1.3a with HDCP 1.3 TV SCART (CVBS/S-Video/RGB output) S/PDIF optical for Dolby®Digital bitstream and PCM data RF In, USB port (USB 2.0), Ethernet port L/R audio - RCA, DC power supply inlet, 12V
<b>Software Features</b>	Embedded UI/EPG with rapid start-up Multi language support First time installation wizard Compatible with industry leading browsers & middleware Compatible with industry leading conditional access Optional external USB compatible HDD support for DVR Optional support for home networking via open industry standards
<b>Accessories</b>	Carton, manual, quick start guide, IR remote control & batteries, HDMI® lead Mains power adaptor
<b>Power</b>	230Vac, 50Hz Power consumption <15W Standby passive <1W External PSU
<b>Mechanical</b>	Dimensions 223mm x 134mm x 37mm



Android is a trademark of Google Inc.  
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.  
Mac, iPhone, iPad and the Mac logo are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.  
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.

**ECHOSTAR**  
EUROPE

[ advanced connected device solutions ]

T. +44 1535 659000

E. [info@echostar-europe.com](mailto:info@echostar-europe.com)

[www.echostar-europe.com](http://www.echostar-europe.com)