

## Ultra Slim HDT-610R

Advanced, hybrid, terrestrial HD DVR



### Highlights

- Supports DVB-T/T2 broadcast, IPTV, on demand services & applications
- Integrated HDD upto 1TB (320GB standard) for DVR
- Full featured digital video recorder with advanced trickmode support in an ultra slim chassis which is an amazing 12mm thin
- Configurable for embedded CA
- HbbTV® capability providing access to a vast array of connected TV apps and content
- Flexible home networking capability for delivering content & services around the home
- High level of connectivity: Including high-quality HDMI®, Ethernet, S/PDIF & USB 2.0 connectors
- Supports the industry's leading middleware, conditional access & digital rights management solutions
- Ultra-low power operation for European energy efficiency requirements
- Innovative product design featuring an award winning User Interface

The HDT-610R is a fully integrated, advanced high definition (HD) terrestrial digital video recorder that combines the efficiency of broadcast terrestrial TV reception with the flexibility of integrated home networking and over-the-top TV (OTTTV) capabilities.

Designed with ease of use in mind, this product puts consumers in complete control of their digital entertainment portfolio. The HDT-610R has been optimised for deployment within terrestrial networks where consumers wish to combine added-value IP services – including connected TV, on demand and over-the-top (OTT) content – with entertainment delivered using traditional broadcast terrestrial channels.

Featuring an innovative ultra slim cosmetic design, the HDT-610R boasts an award winning user interface and has received much accolade from both consumers and the industry press. This product also has the capability to support the leading middleware, conditional access and digital rights management solutions.

Offering a wealth of connectivity to ensure the HDT-610R's placement at the centre of the home entertainment system, interfaces include high quality HDMI, Ethernet, S/PDIF and rear mounted USB 2.0.

With up to 1TB of hard disk drive storage, consumers are afforded an abundance of space for recording, pausing and rewinding live television.

The hybrid platform supports applications and services delivered over-the-top

allowing operators to deliver value added services and place themselves firmly at the centre of their customer's home entertainment experience.

Consumers benefit from access to a range of exciting new services and applications, whilst operators can capitalise on new revenue opportunities. Services such as pay-per-view, on demand TV, shopping and gaming offer additional opportunities for revenue sharing, working directly with service providers to reach the end user.

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>	2 x DVB-T tuners MPEG-4 – Part 10 High Profile L4.0 video decoder HDTV / SDTV Outputs, PAL B/G system, HDTV decode 2MB NOR, 64MB NAND Flash, 512MB DDR2 DRAM (with options for up to 1GB NAND Flash, 32MB NOR, 1GB DDR3 DRAM) Advanced silicon solution 320GB HDD (with options for 500GB and 1TB HDD)
<b>Front Panel Interfaces</b>	Smart card reader Power/status LED indicator, IR sensor
<b>Rear Panel Interfaces</b>	HDMI® 1.3a with HDCP 1.3 S/PDIF optical (mini) for Dolby®Digital bitstream and PCM data 2 x USB ports (USB 2.0), RF In & RF Loophthrough 10/100 Base-T Ethernet port
<b>Options</b>	Memory configuration, HDD size
<b>Software Features</b>	DVB and NorDig (version 2.1) compliant embedded UI/EPG with rapid start-up, first time installation wizard and DVR trickmodes Integrated industry leading browser for over-the-top (OTT) television services and applications Compatible with industry leading middleware Compatible with industry leading conditional access Home networking support and content sharing to open standards
<b>Accessories</b>	Carton, manual, ultra slim IR remote control & batteries Power cable, HDMI® lead
<b>Power</b>	230Vac, 50Hz Power consumption <11W typical Standby passive <1W
<b>Mechanical</b>	Dimensions 270mm x 204mm x 12mm



Android is a trademark of Google Inc.  
DLNA is a registered trademark of the Digital Living Network Alliance.  
HbbTV is a registered trademark.  
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)